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Professional Development 101: The Art of Bag Acquisition

Agenda

- Introduction to InnoGators
- How to get an Internship/Co-op?
- LinkedIn Tips
- Talking to Recruiters
- Building Your Resume
- Interview
- Adapting to Virtual Format
- Panel
- Q+A

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Icebreaker



- Someone starts by saying their first name and last name. Then say two truths and a lie.
- Whoever figures out the lie says their own name, two truths and a lie and so on.

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“

*To create a space of
innovation and collaboration
by inviting culturally diverse
minds and talents to
influence the engineering
design experience*

”

What is InnoGators

- Design team focused on the journey and not the destination
- Work on interdisciplinary projects while strengthening your respective skillset
- Big focus on learning and building community

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TJ Thomas
President



Keri-Anne Lue
Vice President



Jenna Scott
Secretary



Logan Hickox
Mechanical Lead



Bryce Herrera
Electrical Lead



Keanu Budham
Software Lead

Current Projects

Smart Grinder

- Developing an automated grinding system to aid in the recycling process for waste 3D printed parts and filament.



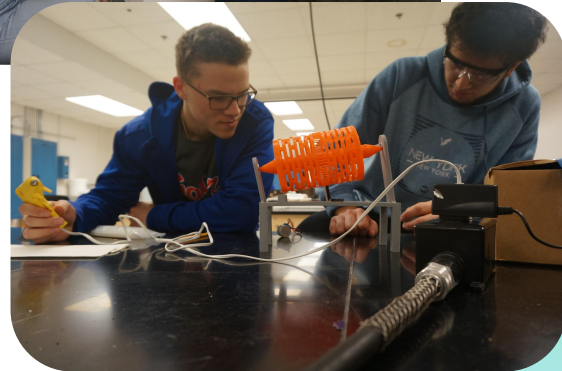
Drone Project

- For the next phase, starting Fall, we'll be taking a more advanced drone, funded by the DoD, and programming it with sensors to perform tasks, such as radiation tracking, to create a competition.



How to Get Involved

- Follow the flowchart on www.innogators.weebly.com
- Submit an interest form
- Follow us on socials @innogators
- Join the slack and trello
- Take initiative at meetings



Plan for Fall

- Virtual Meetings every Thursday at 6pm
 - Teams will split into respective sub-teams via breakout rooms
 - Members will have access to personal learning resources on our website
- Speakers, Socials, Learning Workshops, and more...
- **Kickoff Meeting on September 10 at 6pm**
 - **Zoom link will be on the website**



Professional Development

How to get a bag

Electrical

In Order + Tassel (34 or better)

•• Nathan S	•• Logan
•• Walter T	•• Nichole
•• Ricardo R	•• Madison
•• Joseph W	•• Jacob B
•• Daniel B 12	•• Jennifer
•• Budget I 13	•• Kayla
•• Alexander K 14	•• Sarah
•• Isabella M 15	•• Reyna
•• Andrea D's 16	•• Jacqueline
•• Rachel B 17	•• Nick
•• Cheyenne	•• Phillip Lee
•• Trick	•• Bobbi Ann
	•• Jacquelyn
	•• Ana
	•• Delaney

HT Quad

Polymor foil

TE

Why is Professional Development Important?

- Professional Development is an underrated method to develop your professional skill set and promote yourself to recruiters that are hiring for internships, co-ops, research, and full-time opportunities
- Sets yourself apart from others
- It's a skill you'll always be developing

What are Internships & Co-ops

- Internships are career-based learning experiences that involve a “real world” work environment and standard workplace expectations (typically over the Summer)
- Co-ops are essentially internships that occur over a fall or spring semester
- Both are usually paid for engineers (\$20+/hr)

Why Should I Apply for Internships & Co-ops?

- The single-most important thing that recruiters look for to hire students for full-time jobs, is **industry experience**
- They expand your professional **network!**
- Earn **credit** for it and waive summer credit requirement
- Get paid **\$\$\$**

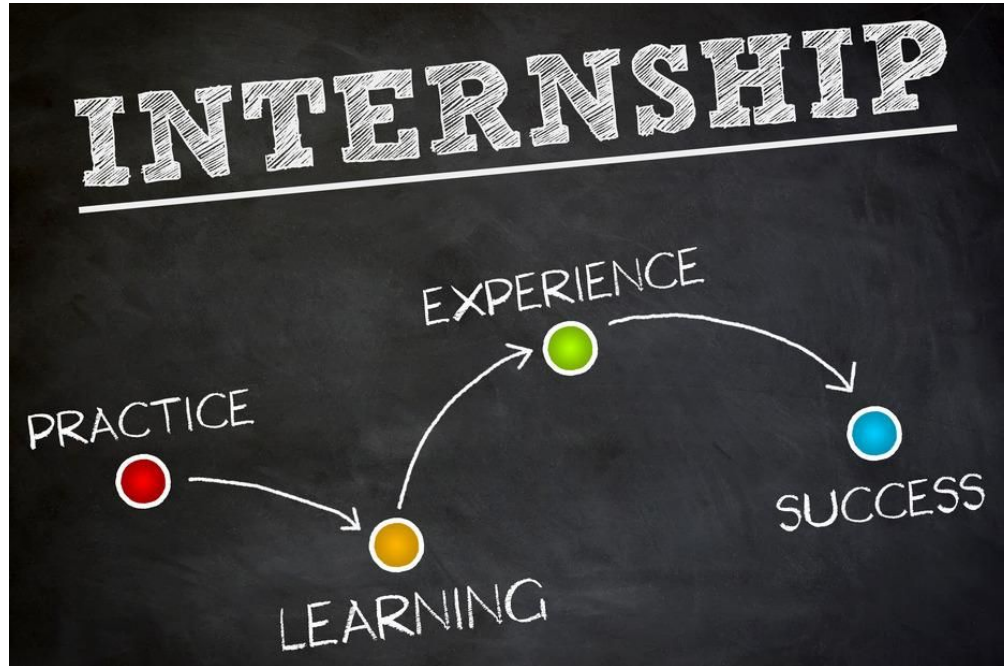
How do I get an Internship or Co-op?

- UF Career Fair 9/21-24
 - Non technical: 9/21-22
 - Technical: 9/23-24
- Conferences (NSBE, SHPE, SWE, AfroTech, etc)
- Using your network
 - LinkedIn, personal, email
- Apply Online

How do I get an Internship or Co-op?

- Perform **research** of company and position
 - Google and company website
- Tailor your **resume** & get it reviewed
 - Contact Career Connections Center @ UF
- Demonstrate **passion** for learning and excelling!

Internships, Co-ops, Research, Full-Time



The Wild-West of LinkedIn




- LinkedIn is a free, professional networking website
- Your LI profile is a visual resume
 - Gives more context to your experiences
- Improves your chances of being discovered by a recruiter

What to put on your LinkedIn?



- Same stuff as resume, but with more pizzazz
 - Give recruiters a reason to be looking at your LinkedIn
 - Expand on your experiences and show off your skills
- Use a high-quality, professional headshot
 - Can even be a simple “portrait mode” picture
- Show your passions
- Make posts!

Bad LinkedIn Examples








Jared Mark
Student at Georgian College
Canada · 26 connections · [Contact info](#)

[Connect](#) [Message](#) [More...](#)

 Bay King Motors
 Georgian College

Experience

-  **Parts Advisor - Co-op Position**
Bay King Motors
May 2013 – Aug 2013 · 4 mos
Hamilton, Ontario
-  **Vehicle Sales**
Hamilton Volkswagen
Dec 2010 – May 2011 · 6 mos
Hamilton, Ontario
-  **Vehicle Sales - Co-op Position**
Image Honda
Jan 2010 – May 2010 · 5 mos
Hamilton, Ontario
-  **Assistant Service Advisor - Co-op Position**
Image Honda
May 2009 – Aug 2009 · 4 mos
Hamilton, Ontario





Craig Blackwood
Regional Sales Manager at British Columbia
Marketing Strategist | Training & Mentoring

[Connect](#) [Send InMail](#) [More...](#)


58
connections


Good LinkedIn Examples




Lenworth "TJ" Thomas
Incoming Uber ATG Intern | McNair Scholar | Founder of InnoGators Design Team | Prospective PhD Applicant
Orlando, Florida · 317 connections

[Join to Connect](#)

 InnoGators

 University of Florida

 Portfolio

About

Committed mechanical engineering student specializing in mechatronics, design, and programming seeking to use technical and leadership skills to create innovative solutions.

Activity



Camille Eddy
Robotics and Product Engineer | AI Keynote | Tech Strategist (DM for info on peer 2 peer coaching)

Experience



Product Engineer
Bloc
May 2020 – Present · 4 mos



Robotics Engineer & Software
TIMBER IT Consulting
Mar 2019 – Dec 2019 · 10 mos
Greater Seattle Area



Mechanical Engineering, Prototyping and Design
NVIDIA
Mar 2018 – Aug 2018 · 6 mos
Santa Clara, Ca

During my 6 month internship at NVIDIA I spent time working in Mechanical Design for NVIDIA Drive autonomous car development platform. I attended team meetings, worked with several Mechanical Engineering technical leads. Learned about the fabrication process of a GPU and applied my knowledge to the deployment of the NVIDIA Drive platform for customers.

Skills:
Creo modeling, dimensioning and 2D drawings
PDP system management
3D printed rubber design
Vendor collaborations

"NVIDIA DRIVE™ is the AI platform that enables automakers, truck makers, tier 1 suppliers, and startups to accelerate production of automated and autonomous vehicles. The platform architecture allows our partners to build and deploy self-driving cars, trucks and shuttles that are functionally safe and can be certified to international safety standards." - <https://www.nvidia.com/en-us/self-driving-cars/drive-platform/>
[see less](#)



Robotics Engineering
X, the moonshot factory
May 2017 – Dec 2017 · 8 mos
Mountain View, California

During my 8 month internship, I invented various mechanical apparatus including sensor mounts.

Accomplishments

23 Courses

C++ · CAD · Calculus I, II, III · Computational Analysis (Matlab) · Differential Equations · Entrepreneurship Pitching · Fluid Dynamics · Heat Transfer · Intermediate Mechanics and Materials · Lean Manufacturing · Linear Algebra · Macroeconomics · Manufacturing Processes · Material Science and Engineering · Mechanical Design · Mechanical Design and Simulation Analysis · Mechanics · Operations Management · Philosophy · Physics I & II...

7 Honors & Awards

Color Outside the Lines · Q&A Spotlight - Camille Eddy · Women of Color Winning in STEM · How space science researcher Camille Eddy landed her internships · Summer 2016 interns at HP Labs - Camille Eddy · Huffington Post - Obama: More Women And Minorities Should Take On STEM, And This Student is Proof · Presidential Introduction

3 Publications

Augmented Reality and Gesture-Based Control · Zero-G Operable Interplanetary Delivery Based Ergonomics Grabber (ZOIDBERG) · Using Low Temperature Co-Fired Ceramics (LTCC) for Thermoelectric (TE) Packaging

1 Organization

Idaho EPSCoR

Skills & Endorsements



Leadership · 99+



Endorsed by Kyle Phox and 11 others who are highly skilled at this



Endorsed by 8 of Camille's colleagues at HP



Public Speaking · 91



Endorsed by D. Eugene Williams and 1 other who is highly skilled at this



Endorsed by 7 of Camille's colleagues at HP



Team Building · 48



Endorsed by 3 of Camille's colleagues at NASA - National Aeronautics and Space Administration



Endorsed by 5 of your colleagues at National Society of Black Engineers

[Show more](#)

Leveraging LinkedIn

- Don't be afraid to reach out to recruiters and people that are in the position that you want
 - People appreciate others wanting to hear about their experiences
 - You might get no response, but all it takes is ONE
- Posting on LinkedIn about starting/finishing an internship increases visibility to other recruiters
- Find jobs using the search feature and filter by hashtag

Professional Development in InnoGators



Talking to Recruiters 101

- First and most importantly, maintain eye contact while speaking with them
 - You don't have to stare at them the entire time though but make sure to not look away or gaze into the distance when talking to them.
- Be prepared to answer small questions about things you might've done in your classes for your major
 - Some recruiters like to test your knowledge about what you've done to see if you're a good fit.

Talking to Recruiters 101 (pt. 2)

- Make sure to practice your professionalism with someone else by having a sort of mock conversation.
 - This helps you get more accustomed to talking to recruiters and how you can enhance your elevator pitch.
- Be clear on what you are interested in.
 - Make it known to the recruiter what kind of field you like and want to work in so you don't come off as unprepared. Make sure to have a plan.

Talking to Recruiters 101 (pt. 3)

- Also, try to make yourself stand out by being interesting or creative so the recruiter remembers you.
 - Recruiters talk to hundreds of students during career fairs so it's best if you come up with something unique so that the recruiter looks at your name and remembers you.
- Don't overthink it. It is just a conversation so make sure to be relaxed, speak clearly, and enjoy yourself. You can do it!

Resume Building

- The very first thing most employers will judge you off of is your Resume.
- Your Resume will need to have following qualities:
 - Clarity (easy to read and find info)
 - Concise (only the relevant details)
 - Informative (GPA, phone number, email)

What should I put on my Resume?

Leadership/Teamwork - Recruiters/Employers want to see how well you work as a part of a team, or can run a team. As engineers, most of our work is done in team-based scenarios.

Skills/Qualifications - Recruiters/Employers want to know what you can bring to the table. What skills have you learned that would make you a better part of the team?

Education/Relevant Coursework - The Previous section relates to this point too, Recruiters/Employers want to know what coursework you have under the belt.

Past Experience - This is a place in which you can demonstrate that you are capable of handling responsibilities, such as a job or internship.

Examples of Good and Bad Resumes

MARY ROWAN

example@example.com | (555) 555-5555 | Miami, FL

SUMMARY STATEMENT	Outgoing Apprentice Hairdresser with willingness to learn and excel in beauty industry. Familiarity with blowouts, coloring and perms. Adept at handling front-office duties, including scheduling appointments and greeting customers.
SUMMARY OF QUALIFICATIONS	<ul style="list-style-type: none">• Exceptional knowledge of modern hair trends with outstanding attention to detail and commitment to individualized client care.• Well-organized record keeper with good schedule management and relationship-building abilities.• Knowledgeable about keeping clean, well-stocked and properly sanitized stations.
PROFESSIONAL SKILLS	Client Satisfaction <ul style="list-style-type: none">• Increased return customers by 80% through cutting, coloring and styling clients' hair with precision.• Used scissors, trimmers, clippers, razors and brushes on over 300 customers with 100% customer satisfaction rate.• Consistently received positive performance reviews from guests. Hair Consulting <ul style="list-style-type: none">• Assessed customer hair texture, root patterns and facial features to identify optimal styles and offer suggestions.• Educated customers on products, including salon conditioning treatments and at home care to maximize benefits.• Offered color swatches to help clients choose desired hair color. Cleanliness <ul style="list-style-type: none">• Cleaned, maintained and sterilized tools to increase lifetime and cut spending by 30%.• Sterilized cutting equipment and refilled hair product bottles to assist hair stylists during busy periods.• Kept work areas, tools and equipment clean and properly sanitized to protect customers from risk of infection.
WORK HISTORY	Hairdressing Apprentice / The Salon Professional Academy - Miami, FL / 05.2017 - Current
EDUCATION	Coral Reef Senior High School - Miami, FL / 2016 High School Diploma

When making a good resume, it is important to ask yourself the following questions:

“What are the most important things I want the employer to know about me?”

They might not need to know that you were in your High School Literature club, sorry.

“Does this Resume look boring?”

They spend hours looking at various Resumes - make yours pop!

“Could someone simply glancing at this resume find my contact info?”

They are very busy - they do not want to search to find your contact information.

The Interview Process

- Typically in-person but most likely virtual now
- Know the position you applied for, know everything on your resume
- General interview questions
 - ex) Why are you qualified for this job?
 - ex) What interests you about _____ company?
- Situational questions
 - Used to gauge how you would solve a problem
 - ex) Name a time where you had a conflict with a team, how did you solve it?
- Always have questions for the recruiter (shows interest & research)
- Follow up via email, thanking them for their time

Preparing for Virtual Format

- Every second counts.
 - Make sure to have a concise but compelling speech ready because you won't have a lot of time as you would speaking in person.
 - It's best to rehearse your speech multiple times so you don't make any mistakes that might cause you to lose time.
- Make sure to get everything you want out of the conversation.

Personal Projects

- Try applying for research and learning new marketable skills!
- <https://www.instructables.com/id/IOT-Based-VibrationFirepressure-Temperature-Monito/>
- <https://www.techiexpert.com/5-iot-projects-for-self-learning-for-beginners/>
- <https://www.insidermonkey.com/blog/10-easiest-iot-projects-for-students-617480/>



Panel

Panel



Interned at Deltamaker
3D, Caterpillar,
Fiat-Chrysler

Performed Research in
an MAE lab and a ECE lab



Interned at GE Aviation,
Edwards Lifesciences,
Nike

Engineering Ambassador,
NSBE Treasurer

Questions?

Sign in at www.innogators.weebly.com

Thank you for coming!

INNO  ATORS