

Myles A. Cherebin

315-882-4468

<https://github.com/MylesCherebin>

mac497@cornell.edu

<https://www.linkedin.com/in/myles-cherebin/>

Education

Cornell University College of Engineering

Expected May 2022

Bachelor of Science in Electrical and Computer Engineering, GPA: 3.1

- John McMullen Dean's Scholar, Ryan Scholar, NACME Scholar

Courses and Skills: CodePath Mobile Application Development Course, Computer Systems Programming, Digital Logic and Computer Organization, Discrete Structures, Embedded Systems, Foundations of Artificial Intelligence, Intelligent Physical Systems, OOP and Data Structures

Languages\Libraries: Python 3, Numpy, Matplotlib, Java, C/C++, MATLAB

Software Tools: Github, JIRA, Perforce, VirtualBox, Verilog, Arduino

Technical Experience

Software Engineer Intern, SRC, Inc, Syracuse, NY

Summer 2021

- Collaborated with another intern to update Automated Test Tool software to work with multiple units of different equipment types (ASGs, VSGs, SpecAs, PSUs)
- Investigated solutions for automated GUI testing and presented mock trade study
- Implemented functionality for automated GUI testing using software SmartBear TestComplete
- Technologies used: Python 3, PyCharm, Sqlite3, SmartBear TestComplete, Perforce, JIRA

Firmware Engineer Intern, SRC, Inc, Syracuse, NY

Summer 2020

- Implemented three python packages to control firmware meant to test new hardware
- Gained experience working with python for bytes and bit manipulation
- Conducted **unit testing** to ensure package functionality
- Technologies used: Python 3, Atom Editor, Perforce, JIRA

Summer Engineering Research Intern, Syracuse University, Syracuse, NYs

Summer 2017

- Conducted research on **data mining** on social networks by programming **data crawlers** using Python
- Presented research findings at Undergraduate Research Symposium
- See the Research article and Video- <https://news.syr.edu/blog/2017/07/31/high-school-students-join-sulabs-as-summer-research-interns/>

Projects

Flashcard_ App

- Developed and designed an android flashcard app
- Users can input their own questions and answers and cycle through all their cards
- Technologies used: Java, Android Studio, Github

Leadership and Professional Development

Undergraduate Coordinator, CUEmpower

Fall 2019 – Present

- Responsible for matching students for mentorship
- Facilitate monthly meetings for community engagement amongst students

Peer Advisor, Engineering Career Center

Fall 2019 – Present

- Help students best utilize Career Center resources
- Conduct resume reviews, cover letter reviews, and mock behavioral interviews to help students with their career process

Engineering Dean's Advisory Council

Fall 2019 – Fall 2021

- Met with the Dean and other staff and faculty to discuss issues within the College of Engineering

National Society of Black Engineers (NSBE) Member

Fall 2018 – Present

- External Vice-President
- Internal Vice-President
- Treasurer

Summer 2021 – Present

Fall 2020 – Summer 2021

Spring 2019 – Fall 2020

Underrepresented Minorities in Computing (URMC) Member

Fall 2018 – Present