

Mickey Doyle

234 Walnut St. Frankfort, IL 60423 ♦ 815-666-7232 ♦ mfdoyle@iastate.edu

OBJECTIVE

*

EDUCATION

Iowa State University, College of Engineering, Ames, Iowa
Bachelor of Science in Computer Engineering

Expected May 2022

EMPLOYMENT

Iowa State University Extension and Outreach IT, Ames, Iowa

Web Developer

June 2020 – December 2021

- Developing features for sharing content on affiliated extension offices across Iowa
- Communicated with web developing team about expectations on features
-

Burnham Nationwide, Inc. Chicago, Illinois

Senior Summer Intern

June 2017 – August 2020

- Couriered building plans and permit applications from our company office to the Chicago City Hall, briefing city officials on these plans
- Discussed pricing and other suggestions on CDOT permits with company clients via phone call, email, and in-person meetings
- Supervised and trained company interns on the company policies and processes of Chicago building permits; holding daily meetings discussing expectations and urgent tasks
- Worked with company's IT department in setting up workstations for oncoming employees

SKILLS

Languages Spoken/Written: English

Computer: C, Java, Bash, Verilog/VHDL, PHP, Arduino, Twig, JavaScript, Python

Software Adobe InDesign, Altera Quartus, Modelsim, VMware Workstation, LTspice

ACTIVITIES AND LEADERSHIP VOLUNTEERING

Robotics Club at ISU: EXO Project Lead & Safety Officer

November 2018 – May 2021

- Lead club project with objective to build an automated, lower body exoskeleton capable of carrying hundreds of pounds in weight for the user
- Organized weekly meetings with lab coordinators and engineering dean on how to resolve lab safety infringements

Senior Design: App for Microgrid Team Lead

January 2021 – December 2021

- Lead student team working with university staff and the Electric Power Research Center at Iowa State University in creating a mobile application to collect and display power stats on a mobile, solar microgrid
- Orchestrated weekly team meetings with team advisors and professors, discussing the design of our application including features, upcoming tasks, and general enhancements to our app

VOLUNTEERING

Elementary School Robotics Outreach

August 2019 – May 2021

- Visited elementary schools to introduce robotics to young students, encouraging STEM interests