

# Isaac Lee

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## Education

**Northwestern University**, Evanston, IL Sept 2015 – Present

Bachelor of Science in **Computer Science**, Anticipated June 2019

- Cumulative GPA: 3.7/4.0
- Dean's List: Winter Quarter 2016
- Relevant Coursework: Computer Systems, Discrete Math, Artificial Intelligence, Data Structures, Object-Oriented Programming, Design Thinking and Communication, Linear Algebra, Engineering Analysis
- Technical Skills: Python, HTML, CSS, JavaScript, MATLAB, C#, C++, Java

## Projects

**Pocket Ian: Course Advising Chatbot**, Evanston, Nov 2016 (WildHacks)

- A Facebook Messenger Bot for Northwestern CS students that answers questions related to EECS course requirements and offerings
- Worked on scraping and cleaning course data from various Northwestern EECS resources and building a question parser using Python
- Built using Python, Flask, and Heroku

**Cat Tracker: Alumni Locator**, Evanston, IL Jan 2016 – April 2016

- A web app for Northwestern CS students to identify cities and companies where alumni work
- Wrote a script that builds a customized map with info windows detailing info about alumni from LinkedIn
- Built using HTML, JavaScript, and the Google Maps API

**ScrubEZ & Step Up**, Evanston, IL April 2016 – June 2016

- Worked with client at Design Lab Home to develop two products to address whitespace in the housewares industry, a vibrating dish scrubber and an attachment for lofted beds
- Collaborated with a team of 4 to identify whitespace, build mockups, and develop prototypes
- Led communication for our team; this included writing design rationales, filming proof of concept videos, and pitching both solutions to two professional designers in the housewares industry

**XHook**, Evanston, IL Sept 2015 – Dec 2015

- Worked with client and user at the Rehabilitation Institute of Chicago to design a device to help people with hemiplegia crochet
- Collaborated with a team of 4 to brainstorm, mockup, and prototype a crochet hook that functions like a joystick
- Awarded 1 of 4 prizes for Best Design at project fair out of 50+ projects

**Decoding the Teen Lifestyle**, Bellevue, WA Sept 2014 – June 2015

- Conducted a fitness tracking data collection project with 3 high school students to analyze fitness patterns
- Used a structured plan of online courses and tutorials to learn introductory web development
- Created a responsive website summarizing the results of the data collection project and promoting fitness tracking
- Built using HTML, CSS, and Bootstrap

## Leadership

**Institute of Electrical and Electronics Engineers**, Evanston, IL Jan 2016 – Present

*Project Manager*

- Managing a team of 3 in the IE3 Technical Program; I lead brainstorming and hacking sessions to help students design and build a web project in 10 weeks
- Organized BadHacks, an 8-hour hackathon with 40+ attendees that encouraged novice developers to learn new skills by creating a silly project

**Ayers College of Commerce and Industry**, Evanston, IL March 2016 – Present

*Internal Affairs Chair*

- I manage facilities for my residential college as well as help plan social and academically-themed events for our 160+ residents to promote interaction with our 15 faculty fellows

## Additional

**Activities:** Northwestern Club Baseball