

# Isaac Lee

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## EDUCATION

**Northwestern University**, Evanston, IL  
Bachelor of Science in **Computer Science**  
Cumulative GPA: **3.7/4.0**  
Dean's List: Winter Quarter 2016

Sept 2015 – Present  
Anticipated June 2019

*Relevant Coursework:* Databases, Human-Computer Interaction, Computer Systems, Discrete Math, Artificial Intelligence, Data Structures, Calculus-Based Physics, Design Thinking, Engineering Analysis

**Technical Skills:** Python, HTML, CSS, JavaScript, MATLAB, C#, C++, Java

## PROJECT EXPERIENCE

**Chef Curry: Kitchen Inventory + Recipe Finder**, West Lafayette, IN Jan 2017 (BoilerMake)

- Developed an Alexa Skill and web app that helps users keep track of kitchen inventory and provides recipe recommendations
- Web app handles account creation and provides a web view for inventory and recommended recipes
- Alexa Skill provides voice interface for users to add and remove items from kitchen and ask for recipes
- Technologies used: MongoDB, Node.js, Python

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

- Developed a Facebook Messenger Bot for Northwestern CS students that answers questions related to EECS course requirements and offerings
- Scraped and cleaned course data from various Northwestern EECS resources
- Built a question parser for course advising questions using Python
- Technologies used: Python, Flask, Heroku

**ScrubEZ & Step Up: Dish Scrubber + Bed Attachment**, 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; wrote design rationales, filmed proof of concept videos, and pitched both solutions to two designers in the housewares industry

**XHook: Accessible Crochet Hook**, 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

## 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*

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

**Activities:** Northwestern Club Baseball, Delta Chi Fraternity