

Isaac Lee

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EDUCATION

Northwestern University, Evanston, IL
Bachelor of Science in **Computer Science**
Cumulative GPA: 3.7/4.0

Sept 2015 – Present
Anticipated June 2019

Dean's List: Winter Quarter 2016

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