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   Jan 2015 – 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