Isabelle Schmit

schmit.isabelle@gmail.com (504)-494-0986

Qualifications

- Proficient in Java, Python, C, Prolog, HTML, CSS, PHP, JavaScript, and JQuery
- Interested in Artificial Intelligence, Machine Vision and Natural Language Processing, Web Development, Human Computer Interaction, and User Experience Design

Education and Awards

University of Rochester — **Rochester, NY**

Bachelor of Science in Computer Science, BA in Studio Art — Anticipated May 2016

- GPA: 3.38/4.0, Dean's List
- Recipient of Xerox Award for Innovation and Information Technology

Experience and Activities

EIC Agency

Web Design and Usability Intern — Spring 2015

As a design intern, I collaborate with team members and clients to brainstorm company websites, and create mockups for developers that incorporate responsive and user-centered design principles.

University of Rochester

CSC 161/171/172 Head Workshop TA — Fall 2013 – Fall 2014

Facilitated small workshops for introductory CS courses to teach collaborative problem solving. As a Head Workshop TA, I coordinated scheduling and grading, assigned workshops, and facilitated communication between Professors and other TAs.

Computer Science Undergraduate Council Business Manager — Fall 2014

Managed CSUG's finances and coordinated sponsorships with tech companies to fund events.

RocHack Member — Spring 2014 – Present

As a member of RocHack, a group of UofR students interested in programming, hacking, and entrepreneurship, I attend and help organize workshops and hackathons.

Google

Computer Science Summer Institute Participant — Summer 2012

Participated in a competitive program designed to teach web development to minorities in Computer Science and give students access to new technology and resources in Google employees.

Significant Projects

Natural Language Processing and Logic Conversion

Wrote a parser in Prolog that takes in a sentence in English, tells if it is grammatically correct, and uses the parse tree to convert the sentence into first order predicate logic

!ColdUR

Designed a web application for RocHack's first hackathon that uses a modified version of Dijkstra's Algorithm to find the warmest route between two different locations on the UofR campus.

RocSpeak

Redesigned a previous version of a public speaking assessment application to improve data visualization so that users could get feedback on volume, pitch, and facial expressions in a speaking sample

Relevant Courses

The Science of Programming (Fall 2012), Discrete Math (Fall 2012), The Science of Data Structures (Spring 2013), Web Programming (Spring 2013), Computation and Formal Systems (Fall 2013), Artificial Intelligence (Spring 2014), Computer Organization (Spring 2014), Design and Analysis of Efficient Algorithms (Fall 2014), Human Computer Interaction (Fall 2014)