

Adam Barson

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Summary

Undergraduate senior at the University of Vermont, pursuing a Bachelor of Arts in Chinese and Computer Science (double major). Proficient in the programming languages of Java, Python, and C++, as well as Mandarin Chinese. Looking to apply and refine skills in software engineering in a professional setting.

Skills

- Proficient in Java, Python, and C++, as well as core software design concepts
- Experienced in applying agile software development techniques to produce software
- Proficient in developing Amazon Alexa Skills and Google Assistant Actions, as well as using AWS
- Familiar with JavaScript, HTML, CSS, Swift (iOS App Development), PHP, Oracle SQL
- Proficient in Simplified Mandarin Chinese (speaking, reading, writing)

Education

University of Vermont

Expected May 2018

Bachelor of Arts in Computer Science & Chinese

GPA: 3.86/4.0; made Dean's list 5/6 semesters

Study Abroad Semesters in Yunnan, China

May 2016 – December 2016

- Intensive study of Chinese language, culture, and politics at Yunnan University in the city of Kunming

Relevant Coursework

Advanced Programming (Java, Python, C++)

Database Systems

Algorithm/Data Structure Design and Analysis

Machine Learning

Evolutionary Robotics

Software Engineering

Experience

Java Software Developer Intern at Prosody Incorporated

May 2017 – August 2017

- Software developer at tech startup based in Pittsburgh, PA
- Developed Voice-First applications with a small team of programmers and domain experts
- Assisted in design, development, and deployment of applications

Research at the University of Vermont

August 2017 – Present

- Working under Professor Christian Skalka to augment OpenMRS with Dynamic Taint Analysis security measures

University of Vermont Teaching Assistant and Tutor

September 2015 – Present

- Teaching assistant and tutor for several computer science courses at the University of Vermont
- Lab instructor for computer science courses, helping students to understand and solve complex problems