William H. Huang

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SKILLS

Languages: Java, Swift, Ruby, HTML
Frameworks: Ruby on Rails
Tools: Git, Vim
Principles: Agile/ Scrum Methodology, Test Driven Development, Behavior Driven Development

EDUCATION

Bachelor of Science in Computer Science
Purdue University, Indiana, USA
Expected Graduation: May 2017

EXPERIENCE

Teaching Assistant | December 2016 – Present
Codepath University | West Lafayette, IN
- Worked closely with the Purdue University Computer Science Department to coordinate the Codepath iOS University course to be offered for credit
- Teach Swift and iOS development to a class of 30 students
- Assist students with learning best practices in version control, debugging, and software engineering

Full Stack Developer | August 2016 – Present
Purdue University Center for Career Opportunities | West Lafayette, IN
- Created outreach software used by dozens of departments across Purdue to request career center workshops
- Introduced agile/scrum methodologies to the development team, leading to more efficient software development

Software Development Intern | May 2016 – August 2016
Enova International | Chicago, IL
- Built a mock server to stub the responses of over 50 third party services used by Enova
- Implemented versioning of mock server responses to prevent accidental overwrites and enhance reliability in the test environment
- Rapidly developed new features using test and behavior driven development

Web Developer | June 2015 – May 2016
Purdue University Office of the Provost | West Lafayette, IN
- Solved site navigation problems by redesigning the home page for the Provost's office
- Eliminated outdated content by replacing site text and media across purdue.edu

Undergraduate Teaching Assistant | August 2015 – May 2016
Purdue University Department of Computer Science | West Lafayette, IN
- Taught Java programming and the fundamentals of Object Oriented Programming
- Write unit tests for student homework and projects

LEADERSHIP

Organizer – *Purdue Hackers*| September 2015 – Present
- Plan and organize local events for Purdue Hackers, a student group with over 1000 members committed to building a hacker culture at Purdue
- Communicate with other university hackathon teams to organize travel for Purdue Hackers

Public Relations – *Purdue iOS Development Club* | August 2014 – Present
- Lead development team to build a backend system to store information about club members and events
- Communicate important event information to club members and the general public

Mentor – *Ignite*| August 2016 – January 2017
- Guided a mentee in the Ignite program, a student-run initiative at Purdue that aims at connecting experienced upperclassmen with motivated freshmen
- Taught web application development with Ruby on Rails and important tools such as git and vim

President – *Purdue Web Development Club* | January 2015 – January 2016
- Teach web development technologies such as HTML, CSS, and Ruby on Rails to over 50 active members