



Henry Yu

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Relevant Coursework

- Data Structures & Algorithms
- Computer Networking
- Computer Security
- Computer Architecture
- Computational Thinking
- Automata / Formal Languages
- SAS Base Programming

Experience

BPG KTech Software Developer Intern, KPMG LLP

Seal Beach, CA – June 2016 – August 2016

- Spearheaded entire development process on a new application: sprints, code reviews, unit tests, check-ins [Agile]
- Developed a .DAT file viewer written in C# using Windows Presentation Foundation, MVVM architecture, .NET framework as a component of the KPMG Discovery Radar 5 project
- Collaborated and worked with associate developers on the integration of the .DAT file viewer with Discovery Radar 5

Software Development & Quality Assurance Intern, ONTRAPORT

Santa Barbara, CA – January 2016 – March 2016

- Created a working CRM system using PHP and MySQL incorporating RESTful procedures, OOP concepts, and MVC architecture
- Developed automated tests using Selenium and Java to test ONTRApages
- Utilized Jira and Confluence for bug tracking and task handling

Quality Assurance Test Automation Intern, Fortinet

Sunnyvale, CA – June 2015 – September 2015

- Developed FortiSwitch test cases from specifications into test plans using Python, Robot Framework, and IxNetwork
- Applied MAC and IP access control lists using single and double flow on the FortiSwitch
- Tested and improved the scalability of company devices by increasing the virtual packet size exponentially by implementing VLAN's and SVI's
- Identified, documented, and followed through on bugs regarding test suites and cases using Jenkins and Testlink

Projects

easyPark | Santa Barbara, CA – April 2016 – May 2016

- Developed a web application via Ruby on Rails that allows people to sell parking space for a temporary amount of time.
- Launched on Heroku, utilizes Facebook authentication and Google Maps API

Conversion Showdown! | Santa Barbara, CA – Feb. 2016 – March 2016

- Developed an Android application that consists of quizzes testing conversions between binary (including masking), decimal, octal, and hexadecimal in an interactive and aesthetic GUI.

Education

University of California, Santa Barbara

B.S. Computer Science, Minor in Statistics & Technology Management

June 2018 (Expected) 3.5 GPA

Skills

- Languages: Python, C++, C#, Java, PHP, JavaScript, Ruby, SAS
- Frameworks: .NET, Rails, Bootstrap
- CMS: Drupal, WordPress
- Misc.: Fluent in Mandarin Chinese, avid WordPress blogger

Affiliates

- Brother: **Alpha Kappa Psi** Professional Business Fraternity