



# 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) 3.4 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