Quinton Alejandro Teas

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Education:

Pacific Lutheran University, Tacoma WA **May 2017**

Bachelor of Science in Computer Science
Minor in Mathematics

Skills:

Languages: Python, JavaScript, TypeScript, Java, PHP, C++
Tools: Angular 2, Angular JS, Selenium, Git, JQuery, MySQL, MongoDB, Windows, Linux, OSX

Experience:

Schema Design - Software Engineer **April 2018 - Present**

Responsible for developing new features and bug fixes for Gist, an online data analytics platform. Gist is developed with NodeJS, AngularJS, and a mix of JQuery and D3 for visualizing data.

Fixed a flaw in the site's logger that caused large data visualizations on Gist to load slowly. Fixing that and along with using the JavaScript Async library I was able to speed up large data visualizations to render in an average time of two and a half seconds instead of over a minute.

For testing both the front end and back end of the application I write and update tests that are written with the Jest framework. I also use Selenium to write browser automation tests as well.

I review my team's pull requests, and have my own PRs reviewed, on Github to ensure no common mistakes are made. TravisCI and Percy are used to run tests on every pull request.

Bargreen Ellingson - Software Engineer **June 2017 - March 2018**

I designed and implemented web pages using HTML, CSS, and PHP with the Magento framework to develop Bargreen's front facing e-commerce website. JQuery is also used to create a responsive experience alongside Ajax.

Developed a separate internal sales analytics tool. The front end is built with Angular 2, and the backend is built on the Flask framework and a Java API.

Used Python, Selenium, and Karma with ProtractorJS to make browser automation test suites, and had integrated the GitHub API to post errors to the team's repository when tests had failed.

Our team used agile methodology to promote collaboration, but also to involve company-wide users in the software development cycle to ensure that value is delivered.

Projects:

Learn-Crypto **September 2016 - May 2017**

Developed a program to walk beginners through the basics of cryptography. Used the C++ framework Qt and a C++ library Crypto++ to implement Learn-Crypto.
https://github.com/egandunning/learn-crypto

ACM Programming Competition **Fall 2014 - Fall 2016**

Participated in a five hour competition three times on solving programming problems. Coded solutions using Java and algorithm strategies such as dynamic programming, recursion, and brute force. Co-designed solutions to problems with two partners.

Finished in the top five teams, in local site ratings, in the last two years participated.
http://acmicpc-pacnw.org/