

Allen Miller

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GITHUB <https://github.com/alrumill> WEBSITE <https://alrumill.github.io/allen-website/>

PROFESSIONAL EXPERIENCE

Software Developer Engineer, Performance Testing | Sallie Mae Bank | October 2018 - Present

- Use Visual Studio Enterprise to create load test and automated web test scripts in C# for the purpose of performance testing multiple applications within the company.
- Manage CI/CD Azure DevOps pipeline to set up and keep the performance testing environment updated with the latest deployments of microservices.
- Utilize Dynatrace to monitor the health and performance of AWS servers allocated to our environment, and the services hosted there.
- Execute planned performance test interactions which includes run time monitoring, tracking and troubleshooting issues and statistics capturing.
- Perform post performance test follow-up tasks which include statistics review, issue and bug research.

Trainings:

- Trained in a classroom setting with an instructor covering fundamentals in testing life cycle, SQL Server, C#, and automation testing using Selenium WebDriver with NUnit
- Attend weekly trainings on automation testing using Specflow with Gherkin.

Associate (Full Stack Developer) | INFOSYS LTD. | September 2017- October 2018

Projects:

- Client, United Airlines– Work involves implementing new features and fixing defects for airline call center application created using Angular. Worked on a scrum team using agile methodology.
- Internal – Created a typeahead reusable component using Angular 5 to dynamically show search suggestions to the user at every key input. Data fetched from backend or static JSON.

Trainings:

- Completed a two-month long training program covering programming fundamentals in Python, JavaScript, HTML, CSS, Bootstrap, Angular, React, and Node JS backend systems and created a rental boat company website to satisfy end of training requirements.

Research and Technical Assistant | UCSC Physics Dpt., Frank Bridges | April 2014- July 2016

- Wrote senior thesis on X-Ray absorption spectroscopy and thermal characteristics of thermoelectric compounds. Data gathered from the synchrotron SSRL nears SLAC, the Stanford Linear accelerator. Data analysis was done using RSFit and PGPlot.

SKILLS

Languages: JavaScript/Typescript, C# and Python

Web Technologies: HTML5, CSS, JSON, SQL, JQuery, REST, SOAP

Frameworks: Angular, React JS, Node JS, Express, .NET and MsSQL

Testing: Selenium, NUnit, MSTest, Specflow with Gherkin, Visual Studio Performance/load testing

Source Control: Git. **Other:** Azure DevOps CI/CD. Dynatrace. AWS. Agile/Scrum/SAFe. Linux.

EDUCATION **B.S. In Applied Physics with a minor in Electrical Engineering** June, 2016
University of California, Santa Cruz