


Ty Crabtree

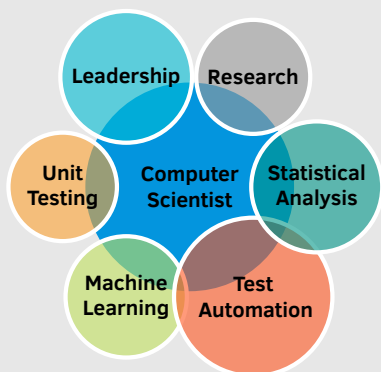
Software Developer

 (360) 852 6559

 crabtree.tyler@gmail.com

 www.github.com/TylerCrabtree

Skills



Programming Languages

Python

MySQL

Java

C

LaTeX

Objective-C

C++

Accolades

John Robert Brown Scholarship - Honored to students from a written essay who also maintained a grade point average above a 3.0 during full-time enrollment (WSUV).

President's Honor Roll - Granted to students who maintained a minimum of a 3.5 grade point average (WSUV).

Education

2013 - 2017 **Bachelor of Computer Science**

Washington State University Vancouver

Software Experience

2022 -
Current

Senior Python Developer

Insight Global

- Organizes & run meetings for a team of developers. Produces air-flow scripts leveraging Python. Performs validation and analysis for automated tests. Writes unit tests and discusses test results with an engineering team. Additionally, programs SQL queries & stored procedures. Also, performs back-end development on a Django project. Utilizes Airflow, Python, PyCharm, Git, Django, Postman, Remote Desktop, SQL Linux, and Jira. Short-term contract position.

2021 -
2022

Senior Python Developer - SRE

Catapult Recruiting/Smash

- Python developer for an SRE team that performs large data ingestion & analysis. Utilizes the languages Python, MySQL, HTML, CSS, & JavaScript to develop internal tooling for developers. Additionally, leverages the technologies Django, Linux, Jira, Rundeck, Slack, Teams, Datadog, Kubernetes, & Docker.

2019 -
2021

Semiconductor Associate II - Telemetry & Data Science

UST/Intel

- ETL position, created software to gather, store, & analyze data as part of Intel's telemetry team. Developed automated Python scripts that scraped telemetry points on Intel's hardware. Telemetry data was stored in MySQL & analyzed with Tableau. Utilized Jira, Python, MySQL, Tableau, & Javascript. Promoted from Validation Engineer to Semiconductor Associate II (software developer role). Contract position.

2018 -
2019

Software Developer - Full Stack Engineer

Zappallas

- Performed back-end & front-end web development. Utilized the programming languages: Python, PHP, JavaScript, MySQL, PostgreSQL and HTML. Created Selenium based tests using Katalon. Maintained and validated automated tests. Developed with Docker, Trello, and Github. Used the frameworks Flask and Django.

2013 -
2017

Academic Tutor/Researcher

Washington State University Vancouver

- Aided professors with research by creating data analytic software, web scrapers, and research papers. Utilized MySQL, Python, and LaTeX. Used LaTeX to write research papers for the university. Performed cost analysis using analytic software created with Python, the data was then stored in a MySQL database. Tutored students in Computer Science, Mathematics and English.

References

2018 -
2019

James Brunner

Senior Software Engineer

- Phone: (541) 953-4241
- Email: jamesbrunner@gmail.com

2015 -
2017

Xinghui Zhao

Professor of Computer Science

- Phone: (360) 546-9110
- Email: x.zhao@wsu.edu