Ty Crabtree

Software Developer

📱 (360) 852 6559

✉ crabtree.tyler@gmail.com
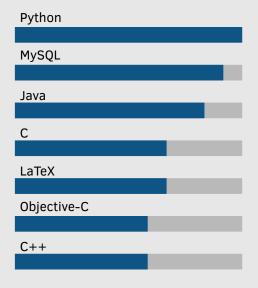
○ www.github.com/TylerCrabtree

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 |
| 2009 - 2011 | **Curriculum in English** | Western Washington University |

Education (Unaccredited)

| 2020 | **PhD in Theology** | Thunderwood University |

- Phd, unaccredited, have faith in this degree.

Software Experience

2019 - Present — **Senior Developer - Site Reliability Engineer** — Smarsh

- Large data & security position. Utilizes the languages Python, MySQL, HTML, CSS, & JavaScript to parse, analyze, & present data through web portals. Also uses Django, Jira, Kubernetes, & Docker.

2019 - 2021 — **Semiconductor Associate II - Telemetry & Data Science** — UST/Intel

- Creates 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).

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.

2017 - 2018 — **Software Engineer I Lead - Research & Development** — Beyondsoft/HP

- Organized and ran meetings for a team of developers. Produced test plans and scripts utilizing Python. Performed validation and analysis for automated tests. Discussed test results with an engineering team. Used Windows, Ubuntu, and CentOS for development. Used C++, Python, PyCharm, Git, TestRail, Linux, and Jira. Promoted from Software Engineer I to Software Engineer I Lead.

References

2018 - 2019 — **James Brunner** — Senior Software Engineer

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

2017 - 2018 — **Mahmoud Al Robiai** — Software Engineer II

- Phone: (503) 810-8355
- Email: mahmoud@hp.com

2015 - 2017 — **Xinghui Zhao** — Professor of Computer Science

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