Tyler Bouwens
Software Engineer

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Seaside, CA

Summary:

Thorough and team-oriented problem solver, with strong ability to think creatively and communicate effectively to tackle problems both small and large. Capable of planning and preparing for long complex team projects and smaller necessary tasks alike. Reliable and always willing to help pick up slack wherever needed to move forward *with* the team. Proficient in several modern languages, and the critical agile frameworks needed to get projects running.

Work Experience:

Software Engineer- Cloud Software Group [TIBCO] (June 2022 - January 2024):
- Fixed bugs and future proofed codebases using test driven development, handled development and maintenance of customer/contract issues, as well as internal systems and issues.
- Utilized Python, Testing platforms, and Scripting to create infrastructure to streamline workflows and local tasks.
- Managed tickets through JIRA and performed code reviews through Crucible as a reviewer and reviewee on a regular basis.
- Distributed tasks across the codebase to gain understanding, and worked to leave each region better than it was found.

WPI Computer Science Student Teaching Assistant (August 2020 - May 2022)
- Held office hours and help sessions, graded assignments, as well as tutored students 1-on-1 across several levels and topics of Computer Science courses.

Software IaC Engineering Intern - Juniper Networks (October-December 2021)
- Worked to develop Infrastructure as Code tools and solutions via AWS API for Juniper Networks testing and maintenance systems

Software Engineering Intern - TIBCO Streambase (May-August 2021):
- Worked with Java: Bug Fixing, TLS/SSL sample development, Unit testing
- Developed on a standalone Python API wrapper for client API connections.

Risk Management Engineering Intern - Novocure (July-August 2020)
- Used Excel and Python for automated Data Analysis / Validation

Education:

Worcester Polytechnic Institute (WPI), Worcester MA
Bachelor of Science in Computer Science, (3.75/4.0 GPA)
Minor in Data Science (May 2022)
Upsilon Pi Epsilon: Computer Science Honor Society Member (February 2020)
Alpha Psi Omega: Theatre Honor Society Member (December 2020)

Skills:

Proficient With: Java, Javascript, Python, Git, SQL, C/C++, HTML/CSS
Learning: NodeJS, AWS Lambda and Greengrass
Software: Adobe Suite, Atom/VSCode, Discord, Eclipse IDE, Google Drive, Microsoft Excel/Sheets, Slack, Trello, Matlab, Oracle SQL, JetBrains IDEs, JIRA, Jenkins, Crucible
Others: Linux/Command Line, MacOS, Windows

Activities:

Director, Empty Set Experimental Comedy: Comedy troupe. Sep 2018 - May 2022
Computer Security Club: CTF Events and Security Workshops. Sep 2018 - May 2022