

Larry Chiem

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<https://github.com/LarryChiem/>

Professional Experience

Software Engineer | Axon, Remote

Feb 2022 – April 2024

- Elevated software quality by spearheading the implementation of continuous integration (CI) across all Axon Federal Devices FedRAMP projects, ensuring a minimum of 80% test coverage.

Software Virtual Reality (VR) Engineer | Boeing, Jacksonville, FL

Oct 2020 – Jan 2022

- Designed and developed a cutting-edge Virtual Maintenance Trainer (VMT) adopted by 200+ Aircraft Mechanics and U.S. Air Force instructors, enhancing hands-on training effectiveness by 40%. Reduced training time by 30%, leading to a 25% increase in maintenance efficiency.

Software Engineer Intern | Intel, Hillsboro, OR

April 2018 – July 2020

- Enhanced Netbatch job success by 5% through the seamless integration of RESTful APIs with Python, PyUnit, and scripts, optimizing resource allocation.

Software Engineer Intern | CDK Global, Portland, OR

June 2017 – Sept 2017

- Optimized data gathering processes by 30% through my strategic development of a website utilizing Atlassian JIRA API and DynamoDB.

Education

B.S. in Computer Science, Portland State University, Portland, OR

June 2020

Related Coursework: Full Stack Web Development; Mathematics; Linux Operating Systems (OS); C++ Data Structures and Algorithms; Database Management; Cloud Development; Graphics

Certifications

AWS Certified Cloud Practitioner Certification

March 5, 2024

Technical Skills

Programming Languages: Golang, Java, C/C++, C#, Python, Pytest, Perl, Linux/Unix systems using the CLI

Web Technologies: HTML5, CSS3, React, AngularJS

Tools and Technologies: Git, GitHub, Docker, AWS EC2, VSCode, JetBrains, VIM, Atlassian JIRA, Jenkins, 3D Rendering, Computational Geometry, TCP/IP networking

Projects

[Multnomah County Timesheets Reviewer](#) | Jan 2020 - June 2020

- Designed in Agile development, an ADA compliant app in multiple languages to reduce government employees from the +500 hours/month of timesheets reviews, saving over \$5000/month.

Volunteer Interests

Peer Mentor | [Chill](#), Mount Hood, OR

2010 – Present

- Transformed at least 10 at-risk youth per season into confident snowboarders beyond beginner levels while instilling crucial life values like perseverance and responsibility.