| **Larry Chiem** | Portland, OR • 503.929.2929  [larrypchiem@gmail.com](mailto:larrypchiem@gmail.com) • [LinkedIn: LarryChiem](https://www.linkedin.com/in/larrychiem/) • [Github: LarryChiem](https://github.com/LarryChiem/) |
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**Professional Experience**

**Software Virtual Reality (VR) Engineer |** Boeing, Jacksonville, FL **Oct 2020 – Present**

Developing a virtual maintenance trainer (VMT) for the F-15 Eagle and T-7 Red Hawk using Unity.

* Responsible for creating C++ solutions to defects on the aircraft according to the written procedures given

**Software Engineer / DevOps Internship |** Intel, Hillsboro, OR **April 2018 – July 2020**

Collaborated with one of the first waves of Agile Software Development teams on the Oregon site. Delivering new initiatives in test-driven development (TDD) and continuous integration / continuous deployment (CI/CD) pipelines. Optimizing code, modeling technical designs, writing wiki documentation, emailing, researching, and presenting to World-wide stakeholders to ensure product quality.

* **Field Engineer:** Improving the success rate of Netbatch job requests by +5% by integrating Python scripts to send notifications to customers with invalid submissions, saving over $1000 per month in long waiting jobs occupying resources
* **Automation/DevOps Scripting:** Saved up to 20% time automating complex tasks by programming scripts in Perl, Python, or Java. Lead a project to transform a task of 10 different Linux commands into a click of a button.
* **Landing Dashboard:** Programmed an analytical user interface (UI) displaying all 41 Global Intel sites’ business group’s server(s) and product inventory; trained new developers, arranged technical leadership and performed code reviews

**Software Engineer Internship |**CDK Global, Portland, OR **June 2017 – April 2018**

Developed innovative, data-driven website tools in a multi-disciplined team of engineers to reduce over 10% technical debt for user needs/growth and software requirements.

* **Data Management Systems Migrations Dashboard:** Directed a website utilizing Atlassian JIRA API for internal software engineers to use which boosted +30% time efficiency from the manual process of data gathering of vehicles
* **CDK Chatbot:** Integrated a Chatbot on CDK Global’s site using Microsoft’s Azure Bot Service in a group of 4 software engineers.

**Education**

**B.S. in Computer Science,** Portland State University, Portland, ORJune 2020

**Electrical Engineering Technology,** Portland Community College Sept 2013 - June 2015

**Related Coursework:** Full Stack Web Development; Mathematics; Chemistry; Computer Program; Embedded Software Systems; Linux Operating System (OS); C++ Algorithms & Complexity; C++ Data Structures; Systems Design

**Projects**

* [**Facebook Clone**](https://larrychiem.github.io/fb-clone/)**:** Recreated the Facebook homepage using ReactJS, HTML/CSS
* [**Multnomah County Timesheets Reviewer**](https://github.com/Capstone-Team-C/IDD): Architecting and designing in Agile development an ADA compliant C# app in multiple languages to reduce government employees from the +500 hours/month of timesheets reviews, saving over $5000/month
* [**Sport Spots PDX**](https://github.com/LarryChiem/sport-spots): Identified a gap in sports and spearheaded innovative solutions: a website to inspire athletes to find local gyms in the community to play any sport, 7 days a week. Coded in ReactJS, Google Map API Navigation
* [**Tri-Met App**](http://larrychiem.github.io/BusApp): Built an app that replicated the valid fare screen of the Tri-Met app using HTML/CSS and JS
* [**Portfolio Page**](https://larrychiem.github.io/Portfolio2020/)**:** Designed portfolio page committed to the top 6 software engineering projects; developed using HTML/CSS

**Technical Proficiencies:** Full-Stack Web Development, Scripting, Testing Methodology, UI/UX (User Experience)