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| **Larry Chiem** | Portland, OR • 503.929.29290  [larrypchiem@gmail.com](mailto:larrypchiem@gmail.com) • [LinkedIn: LarryChiem](https://www.linkedin.com/in/larrychiem/) • [Github: LarryChiem](https://github.com/LarryChiem/) |

**Education**

**Bachelor of Science in Computer Science Expected Graduation in June 2020**

Portland State University, Portland, OR

Coursework: Full Stack Web Development; Front-End Web Development; Computer Programming; Internet & Cloud Systems; Database Management SQL; Operating Systems (OS); Algorithms & Complexity; C++ Data Structures; Systems architecture

**Professional Experience**

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

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

* **Field Engineer:** Improving the success rate of Netbatch job requests by +5% by using Python 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 commands into a click of a button.
* **Landing Dashboard:** Programmed a user interface (UI) displaying all 41 Global Intel sites’ business group’s server(s) and product inventory; trained new developers, provided technical guidance and performed code reviews

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

Develop innovative, data-driven internal website tools to reduce over 10% technical debt for user needs and specifications.

* **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
* **CDK Chatbot:** Integrate a Chatbot on CDK Global’s site using Microsoft’s Azure Bot Service (with 4 software engineers).

**Projects**

* **Multnomah County Timesheets Reviewer:** Design and develop an app to reduce the +500 manual reviewing-hours per month of timesheets, saving over $5000/month by solving time management issues
* [**Sport Spots PDX:**](https://github.com/LarryChiem/sport-spots) Identified a gap in sports and spearheaded a practical solution: a website to find local gyms in the community to play any sport, 7 days a week. Built with ReactJS, HTML/CSS, and Google Map API
* [**Tri-Met App**](http://larrychiem.github.io/BusApp): In a week, built an app that replicated the valid fare screen of the Tri-Met app using HTML/CSS and JS
* [**Kobe Bryant - Nike Tribute SEO Fix**](https://larrychiem.github.io/nike_kobe_bryant_tribute_seo_fix/)**:** Dedicated a tribute for a role-model by engineering solutions to learn and improve an aspect of Nike’s website to be search engine optimization (SEO) friendly
* [**Portfolio Page**](https://larrychiem.github.io/Portfolio2020/)**:** A portfolio page committed to the top 6 software engineering projects; developed using HTML/CSS
* [**NASA International Space Apps Challenge Hackathon - October 2019**](https://github.com/Kiarasht/SpotThatFire)**:** Leveraging NASA’s API and wildfire data sets, within 72 hours in a team of 6 software engineers, collaboratively design an educative app to support firefighting and fire mitigation efforts.

**Technical Proficiencies:** Full-Stack Web Development, Scripting, Testing, Customer Experience, and UI/UX