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| **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/) |

**Summary of Qualifications:** 3+ years with Agile and DevOps software development using T-SQL, Python, Bash, GitHub, Java, Perl, JavaScript, HTML5, CSS3; professional experience setting up CI/CD tools (GitLab, Jenkins); knowledge of virtualization (VM, Docker); version control in Git, GitLab; experienced with JIRA and Rally; basic understanding of datacenter facilities; understanding of relational databases query structures and Linux system internals and administration

**Education**

**BS in Computer Science |** Portland State University, Portland, OR **Sept 2015 - June 2020**

**GPA: 3.14**

Skills: Cloud Systems; C++ and Java Data Structures and Algorithms; Object-Oriented Analysis (OOA) and Design Methods; Operating System; Systems Engineering; Software Design; Agile Methodologies; Relational Database Systems

**Professional Experience**

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

* **Field Engineer:** Improving the success rate of Netbatch job requests by +5% by coding in Python, Perl, Bash, and Java to send notifications to customers with invalid submissions, saving over $1000 per month in jobs occupying resources
* **Test Automation/DevOps Scripting:** Saved up to 20% time automating complex tasks by programming scripts in Python, or Java. Lead a project to transform a task of 10 different command-line executions into the click of a button
* **Full Stack Developer:** Programmed a user interface (UI) displaying all 41 Global Intel sites’ business group’s server(s) and product inventory using AngularJS, HTML, CSS, JavaScript, RESTful, Node.js and SOAP APIs (utilizing Postman); trained new developers, provided technical guidance and performed code reviews

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

* **Data Management Systems Migrations Dashboard:** Developed a website using AngularJS, MongoDB utilizing Atlassian Jira API for internal engineers to use which boosted +30% time efficiency from the manual process of retrieving datasets
* **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:**](https://github.com/Capstone-Team-C/IDD)Designed and developed a secure, ADA and HIPPA compliant app in C# ASP.NET Core MVC, and Vue to reduce the +500 manual reviewing-hours per month of timesheets, potentially an impact that could save over $10,000/month by solving time management issues
* [**Sport Spots PDX:**](https://sportspots-277519.df.r.appspot.com/) Building a data visualization, flexible website to find local gyms in the community to play any sport. Built with ReactJS, HTML5/CSS3/JavaScript, and Google Map APIs
* [**Portfolio Page**](https://larrychiem.github.io/Portfolio2020/)**:** Displays content from 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 to design an Android app to support firefighting mitigation efforts

**Volunteer**

**Peer Mentor |** Burton’s Chill Snowboarding Program, Mt. Hood, OR **Dec 2010 – Present**

**Big Brother |** Big Brother Big Sister, Hillsboro, OR **June 2017 – April 2018**

**President |** Association for Computing Machinery (ACM), Portland State University **July 2016 – June 2017**