

# Alexander James Ramirez

Commerce, CA

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Software developer experienced in **Python** and **JavaScript**.

## #Skills

### Programming

Python

Java

C / C++

### Frontend

React / JavaScript

HTML / jQuery

Bootstrap / CSS

### Source Control

Git / GitHub

Scrum / Agile

Bitbucket

### DevOps

GitHub Actions

AWS

Azure

### Database

MySQL

MongoDB

Postgres

## #Professional Experience

### Griley Air Freight / Software Developer

April 2021 – Current : Los Angeles, CA

- ↳ Worked closely with business stakeholders to understand requirements and translate them into technical specifications for web pages and workflows. As a result, daily processes were streamlined.
- ↳ Migrated the company's Pick Basic system to **Flask** and **MySQL**, resulting in improved performance and scalability.
- ↳ Wrote unit tests and set up a **GitHub action** to run **Pytest** as part of the codebase's **continuous integration** (CI) pipeline.

### LinQuest / Software Developer Intern

June 2019 - August 2019 : El Segundo, CA

- ↳ Attended daily standups and **sprint meetings** as a member of a development team, gaining valuable experience in **Agile methodologies** and principles such as **Scrum** and **Kanban**.
- ↳ Developed a **Sprint Burndown Chart** using a **JavaScript** chart-rendering library. This new chart made the team's Kanban page more UI friendly and replaced the outdated XSLT 1.0 chart.
- ↳ Redesigned SharePoint webpart displaying urgent tasks by reverse engineering the XSLT 1.0 source code and writing a new webpart using **HTML** and **jQuery**. The result was a cleaner UI that fetched data from a new API.

## #Projects

### TrackWatch / Personal Project

February 2022 – Current : <https://trackwatch-prod.herokuapp.com>

- ↳ Developed a **Flask** application that enable users to track wins and losses in the video game Overwatch 2, using a modern web stack including **Python**, **MySQL**, **HTML**, **Jinja2**, **CSS**, and **JavaScript**.
- ↳ Implemented **database schema migrations** using **Flask-Migrate** to manage database changes and updates.
- ↳ Designed and implemented a Friends system that leveraged a **many-to-many** relationship model to enable users to connect with and communicate with each other. As a result, users can befriend other users and tag them in matches.

## #Education

### California State University, Long Beach / Bachelor of Science, Computer Science

August 2017 - May 2020 : Long Beach, CA