# OCTAVIA SELIM

## SOFTWARE ENGINEER

## CONTACT

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## SKILLS

**Languages:**
- Python
- JavaScript
- HTML/CSS

**Frameworks/Databases:**
- Node.js
- Django
- jQuery
- MongoDB
- SQL
- Postgres
- Flask
- FastAPI

**Other Technologies:**
- Git
- Unit/Integration Testing
- Docker
- insomnia
- Jenkins
- AWS Services
- Pytest
- RESTful API's
- DataDog

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## EDUCATION

### Oregon State University

**Bachelors of Science in Kinesiology**

2018

### General Assembly

**Software Engineering Immersive**

2021

## PROFILE

Highly motivated and results-driven software engineer with a background in kinesiology and health care. Has experience in developing and maintaining scalable and secure backend systems using Python. Combines technical abilities with a strong interest in sports and health care to provide unique perspective and solutions. Demonstrates an ability to work well in fast-paced environments and deliver high-quality solutions on time. Committed to continuous learning and growth within the industry.

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## WORK EXPERIENCE

### Kyruus

| Software Engineer I | April 2022 - February 2023 |
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- Designed and implemented a cost saving change, using Python, to migrate an application to PostgreSQL database through test driven development.
- Improved data accuracy for provider availability while reducing overall costs by building and integrating a new data source, using DataDog and Sentry as well as testing with Insomnia and Docker to monitor changes.
- Engaged in agile development practices with my team and other project stakeholders.
- Lead integration of health status checks with customer EHR's to ensure no gaps in customer access, and reduce outages before they could occur by determining what step in our access was down.
- Planned and refined user stories with product team to ensure the efficient delivery of tickets and new features and to provide accurate timeline estimations.

### General Assembly

| Software Engineering Immersive Student | Sept 2021 - Dec 2021 |
|---|---|

- Successfully completed 500+ hours of expert led instruction and hands-on learning in front and back end technologies and languages, fundamentals and the industry's most in demand technologies.
- Developed projects, including browser based, javascript applications, full stack MERN and MEN applications, and full stack Python/Django applications.

### Providence Rehabilitation Services

| Rehab Office Assistant | Dec 2019 - Sept 2021 |
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- Supported several clinics, and inpatient settings, with patient care, scheduling, and general office flow.
- Managed providers schedules, patient records and insurance while maintaining office organization to provide safe and consistent care.

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## RELATED EXPERIENCE

- Direct experience RNA sequencing the influenza virus for Spain's vaccine efforts through an internship with FSABIO. (June - Aug 2016)
- Experience in kinesiology and science-based approaches to exercise from lab work, cadaver dissection and participant studies (2014-2018).