

# Oliver Davila

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Studying Computer Science at San Francisco State University and I'm seeking a summer internship, with a focus on full-stack development. Strong foundation in data structures, algorithms, and agile development methodologies. Experience with full-stack web development and is passionate about creating scalable applications and optimizing system performance through efficient code design.

## EDUCATION

**San Francisco State University (SFSU)**

San Francisco, CA

Major: *Computer Science* (Concurrent)

Expected Graduation Date: June 2026

Major GPA: 3.5

## PROJECTS

### FoodSwipe App (Swift)

- Developed a Swift-based iOS application leveraging UIKit framework to create an intuitive food discovery platform with personalized recommendations. Implemented core features including swipeable card interface, user preference algorithms, and real-time data integration resulting into responsive cross-device performance and seamless user experience

### Co-Website Content Editor (bro Wordpress)

- Collaborate with a cross-functional team to manage, update, and optimize web content on a WordPress-based platform. Responsible for co-managing theme customization, performing regular plugin updates, and troubleshooting compatibility issues to maintain a seamless user experience. Enhances both aesthetics and functionality to improve user engagement and navigation

### Custom Stack Implementation

- Designed and implemented a custom stack data structure in Java, incorporating priority operations to selectively rearrange elements, enabling flexible control over data handling. Enhanced the stack with specialized methods for hierarchical folder and file traversal, facilitating organized content visualization and efficient navigation.

## RELEVANT COURSES

- Data Structures and Algorithms
- Web Development
- Programming Methodology
- Machine Structures
- Intro to Technical Interview Prep - CodePath

## CURRENT EMPLOYMENT

- Mashouf Wellness Center (San Francisco, CA)
  - Position: Front Desk Associate (3+ years - On going)

## AFFILIATIONS

- SHPE: Society of Hispanic Professional Engineers*
- ACM: An organization which supports students interested/pursuing computer science*
- GameDev: Organization that strives to facilitate game development*

## SKILLS

- |              |                     |
|--------------|---------------------|
| • Java       | Express.js          |
| • Javascript | SQL                 |
| • Python     | Problem Solving     |
| • C++        | Communication       |
| • C#         | Time Management     |
| • Swift      | Collaboration       |
| • Linux      | Conflict Resolution |
| • React      | Critical Thinking   |
| • Node.js    | Design-making       |