

# Alec Odell

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## EDUCATION

California Polytechnic State University, San Luis Obispo      GPA: 3.82      112/180 Credits  
**Bachelor of Science Degree in Computer Science** Concentrating in AI and ML      June 2026

### Relevant Coursework:

Algorithms	Data Structures	Cyber Security	Database Management
Data Engineering	Full-Stack Development	Computer Engineering	Systems Programming

## SKILLS

Java	JavaScript	HTML	Excel	SQL	AWS	Adaptability
Python	C	CSS	REST	NoSQL	Work Ethic	Teamwork

## WORK EXPERIENCE

### Internship: Slalom Consulting, Seattle Wa

Language and Tools Utilized: C, Linux, Microsoft Excel/CSV

- Worked on the acceleration team, and helped propel tardy projects that required extra help.
- Automated database organization, streamlining the management of over three thousand files.
- Contributed to projects involving Salesforce development, customer data management, and marketing analytics.

### CSC 202 Data Structures and Algorithms Instructional Student Assistant

- Provide one-on-one and group support in understanding data structures, algorithms, and programming concepts.
- Assist students in troubleshooting and debugging code for projects, labs, and assignments.
- Collaborate with Professor Paul Hatalsky to ensure consistent course support and student success.

### DigiPen Institute of Technology Assistant Instructor

Subjects Taught: Programming and Data Analytics/Engineering, R, Python

- Facilitated project-based courses teaching students about Data Analytics and Programming.
- Graded students' assignments providing constructive feedback and helping them learn from their mistakes.
- Worked with other instructors and TAs to build interesting lessons to keep students engaged over the summer

## PROGRAMMING PROJECTS

### Entrepreneurship and Full Stack Development: Drift Marketplace [drift-marketplace.com](https://drift-marketplace.com)

Languages and Tools: JavaScript, SQL, React Native, React, NextJS, Supabase

- Founded a start-up helping college students eliminate their waste by reusing and upcycling college essentials.
- Our app provides a marketplace for students to buy and sell clothes, textbooks, dorm essentials, and more.
- The Center for Innovation and Entrepreneurship is helping us get funding and permission to put smart lockers on campus to facilitate the sale and exchange of items in a safe, efficient, and eco-friendly manner.

### Full Stack Development: Route Student-Powered Rideshare [route-app.com](https://route-app.com)

Languages and Tools: JavaScript, SQL, React Native, React, NextJS, Supabase

- Worked with a partner to design, develop, and market a student-powered carpool app and accompanying website.
- Responsible for backend development: database to store user info, direct messaging built with an SQL database
- Built front end with react native with maps integration to help students visualize upcoming available rides.

### Systems Programming: Custom Web Server

Languages and Tools: C, Unix

- Built a web server that supports a variety of HTTP requests and responds with the correct info and response code

Demonstrated excellent teamwork, time management, and customer service skills through the following jobs:

<b>Teaching Assistant</b> – The Overlake School, Redmond, WA (20 hours/week)	2023
<b>Front of House</b> – Feast French Brasserie, Kirkland, WA (20 hours/week)	2023-2024
<b>Lifeguard</b> – City of Kirkland (40 hours/week)	2020-2022

### Volunteer Positions:

<b>Union Gospel Mission</b> – contributed to initiatives addressing the homelessness crisis.	2017 – Present
<b>NW Bread Bakers</b> –First teen to join the army of bakers supplying bread for those in need	2020 - 2022