

# CYRUS SHAFIZADEH

PRODUCT DEVELOPER/PROBLEM SOLVER

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## WORK EXPERIENCE:

### ZURB - Software Engineer

JUNE 2023 - AUGUST 2023

*Agile Project Management, Ruby on Rails, Javascript, Selenium Testing*

- Designed and led research and development for ChatGpt AI integration for use in assisting users in Helio. The AI tool provides customized recommendations to over **1,000,000 Helio accounts**, resulting in an increase in completed tests within the Helio platform.

- Developed an **automated regression testing suite** using ruby selenium, ensuring **long-term stability, performance**, and a reliable user experience.

### CASS - Student Software Developer | Mentor

SEPTEMBER 2022 - PRESENT

*C#, ASP.NET MVC, SQL, SSIS, Figma, Oracle OLE DB, SSMS*

- As a **student developer** and **mentor** at CASS, I leverage my expertise to **guide peers**, facilitate transparent client **communication** on project status, and **design future iterations of projects**.

- Currently developing the website for the City of Yachats in Oregon, designing and building complex features utilizing the ASP.NET framework. Custom tools are created for each component, helping over **1000 citizens** with city-related issues such as city projects, complaints, and reserving city services.

- Worked on an **automated** program to retrieve real statistics on current enrollment information of Oregon State courses using the **SQL Server Integration Service (SSIS)** package. Historical data is also collected in a **temporal table** to study trends in enrollment.

### GSCE - Freelance

JUNE 2022 - PRESENT

*React, Node, Javascript, PayPal API, Bootstrap, HTML, CSS*

- Developed and currently **manage and maintain** the webpage for the Good Stewardship Community Endowment, an environmental non-profit combating climate change.

- PayPal API implementation allows visitors to securely donate to the endowment via credit card or PayPal account. This feature has helped generate over **\$50,000** towards their cause.

- Emailjs allows visitors to fill out grant forms for funding towards environmental projects. Emails are **automatically** sent to the endowment email.

### TechKnowHow - Instructor

JUNE 2022 - AUGUST 2022, OAKLAND, CA

*Python*

- Taught over **100** kids throughout the summer coding languages Python and scratch, effectively communicating coding fundamentals such as variables, arrays, classes, and adding images/sounds to projects.

## EDUCATION:

### OREGON STATE UNIVERSITY

AUGUST 2020 - PRESENT (EXPECTED GRADUATION JUNE 2025), CORVALLIS, OR

Bachelor of Computer Science, Business Minor

GPA: 3.4

## SKILLS:

**Languages:** Javascript (ES6), Python, HTML, CSS, C, C++, C#, Ruby

**Technologies:** React, Node.js, MySQL, MongoDB, Git/GitHub, Bootstrap, Figma, SSIS, SSMS, ASP.NET, OpenAI, Azure DevOps, Jira, Firebase

## OTHER PROJECTS:

### Full Stack E-commerce Site:

*React, Node, Javascript, MongoDB, PayPal API, Bootstrap, HTML, CSS*

- Built a scalable, easily maintainable, full-stack website using **MERN stack**. Utilizes a **Node-based backend** that connects to **MongoDB** allowing admins to seamlessly create, edit, update, and delete users, products, and orders. The site can **filter** products, users can **check out and buy** products using **PayPal or credit card**, and an **admin dashboard** provides control over the entire application.

### Autonomous AI-Generated Tweet Program:

*Javascript, Firebase, AWS, Node, OpenAI API, Twitter API*

- An **autonomous** script that leverages the **OpenAI API** to generate unique tweets and posts them using **OAuth2 authentication**. It integrates with **Firebase** to store and retrieve past responses for context, ensuring each tweet is distinctive. The script is **scheduled to run on AWS** twice daily, providing a **fully automated system** for consistent tweet publication.

### Discord Bot:

*Node, Javascript*

- Designed and created a multifunctional Discord bot using various web APIs and Javascript libraries. Currently, multiple servers are being used by **~1000 people**. The bot can connect to both text and voice channels and includes features such as retrieving server/user info, playing music, and even making token-authenticated requests to Twitter to retrieve tweets.

### BART Tracker:

*Node, Javascript, React*

- Implemented a web app that utilizes *Bay Area Rapid Transport's* API by collecting data on all stations and trains to give users a list of stations a route is going to, and how soon before each train arrives. The app **collects and updates data in real time** so users stay up-to-date and informed.