Destiny Bright

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EDUCATION

Oregon State University — Corvallis, OR
Bachelor of Science in Computer Science — *Expected Graduation: December 2025*

Pepperdine University — Malibu, CA
Bachelor of Science in Biology — *2021*

EXPERIENCE

Undergraduate Learning Assistant — March 2024 – Present
Oregon State University — *Corvallis, OR*

- Instructed over 100 students each quarter for a discrete mathematics class for Computer Science.
- Helped guide students in topics such as recursion, mathematical proofs, and set operations.
- Held office hours and provided constructive criticism to help students understand the ideas and concepts behind their code.

PROJECTS

Stox | *JavaScript, Chrome Web Store, Alpha Vantage API* — December 2024

- Developed a Chrome Extension that allows users to check real-time stock prices and monitor daily, weekly, and monthly price changes
- Utilized Alpha Vantage API to get accurate and up-to-date stock market data directly within the browser

Magic Wares | *MySQL, MariaDB, Handlebars, Node.js, Bootstrap* — November 2024

- Designed and developed a dynamic web application to manage inventory, enabling users to search, filter, and update wand and spell data with intuitive form-based inputs and validations
- Integrated server-side functionality with Node.js and Express, using Handlebars.js for templating and SQL/MariaDB for backend data storage and retrieval

Tic Tac Toe | *C, SDL2* — September 2024

- Constructed an interactive Tic Tac Toe game using C and SDL2 for graphics, image rendering, and font support
- Implemented an AI to dynamically make moves against the player.

XDice | *SwiftUI, XCode, AVFoundation* — February 2024

- Developed a dice-rolling iOS app using SwiftUI, enabling users to roll various dice for Dungeons and Dragons (e.g., d4, d6, d20) with dynamic animations and customizable modifiers
- Integrated audio session management to play rolling sounds, critical failure/success alerts, and other effects

Exercise Tracker | *JavaScript, MongoDB, Express, React, Node.js* — December 2023

- Designed and built a full stack web application using the MERN stack (MongoDB, Express, React, Node.js) to record and manage user exercise data
- Developed a REST API using Node.js and Express, implementing CRUD operations (Create, Read, Update, Delete) to interact with MongoDB

TECHNICAL SKILLS

Languages: JavaScript, Python, C, Swift, SQL, R, TypeScript, CSS, HTML
Frameworks: React, Node.js, Flask, Express
Developer Tools: Git, GitHub, PyCharm, Vite, Vercel, Xcode, Visual Studio Code