# Benjamin Swanzey

(360) 431-6944 | swanzeyb2001@gmail.com | LinkedIn: benrswanzey | Portfolio: benswanzey.com | U.S. Citizen

## EDUCATION

<u>Computer Science B.S.</u>                                                                                          *Expected 2025*
  Washington State University, School of Electrical Engineering and Computer Science                          Pullman, WA

<u>Arts & Sciences A.S.; GPA: 3.4</u>                                                                         *Transferred 2022*
  Bellevue College                                                                                           Bellevue, WA

## SKILLS

JavaScript, NodeJS, React, React Native, CSS, Tailwind CSS, HTML, Firebase, Wordpress, Figma

## WORK EXPERIENCE

**Web Development Contractor**                                                                                    Remote
*University of California, Los Angeles*                                                              *Jun 2022 – Current*
- Designed and prototyped website wireframes and high fidelity mockups in Figma for desktop and mobile view.
- Created a responsive multi-page React website using Tailwind CSS and NextJS that follows accessibility guidelines.
- Deployed a headless content management system using Wordpress with a custom theme that allows for straightforward content updates, per their requirements.
- Initiated and coordinated meetings for weekly design reviews, and collaborated with UCLA's IT department.
- https://tinyurl.com/3hhzhfm5

**Barista**                                                                                                  Pullman, WA
*Starbucks*                                                                                          *May 2022 – Current*
- Demonstrated excellent customer service in a fast-paced environment, received frequent accolades for a positive demeanor and strong work ethic.
- Coordinated with team members to achieve the fastest drive-thru time in the district, which prompted admiration from Starbucks corporate headquarters in Seattle.
- Utilized product sampling and other upselling techniques to create more sales opportunities by exposing customers to additional products.

**Web Development Contractor**                                                                                    Remote
*University of California, Los Angeles*                                                            *Aug 2020 – Jan 2021*
- Created a multi-page HTML5 website utilizing the Bootstrap design framework, prioritizing ease of extensibility.
- Collaborated with the head of UCLA's quantum physics department and a student designer to publish an HTML5 website from scratch.
- https://www.cqse.ucla.edu/

## PROJECTS

**Scout Automation Suite – Automated Android Workflows** *Self-Motivated Project*
- Created a library for building automated Android workflows using text detected on screen instead of accessibility ids.
- Wrote a REST API for detecting text in a given image using Tesseract Optical Character Recognition and with preprocessing in Python OpenCV to increase accuracy.
- Designed a microservice architecture Docker-Compose mono repo to perform Android automations on a schedule
- https://github.com/swanzeyb/scout

**Recreated Battleship Game with ASCII Graphics in C** *Class Project*
- Created a game scene manager using higher-order functions to mutate and display the game state in real-time.
- Added OSX support by conditionally compiling OS specific functionality to allow reading single characters from the standard input buffer, which is not permitted by default on OSX.
- https://github.com/swanzeyb/CptS121/tree/main/PA6