

SHELBY GALLEGOS

(661) 733 - 0428 | sjgallegos270@gmail.com | github.com/ShelbyGall | Lancaster, CA 93536

EDUCATION

California State University, Northridge (CSUN)

August 2022 – Present

B.S. Computer Science

Northridge, CA

- Coursework: Algorithm Analysis and Design, Software engineering, Web Development Programming, Operating Systems, Computer Architecture

Antelope Valley Community College (AVC)

January 2020 – May 2022

A.S. Computer Science

Lancaster, CA

- Coursework: Data Structures and Algorithms, Discrete Structures, Assembly Language,
- Achieved Presidents list from January 2020 - May 2022
- Unweighted GPA: 3.8

EXPERIENCE

AVC STEM Workshop

Lancaster, CA

Project Co-Leader

May 2022 – August 2022

- Partnered with fellow Antelope Valley College honor students to create a hardware electronics workshop for the school with over 30 participants
- Successfully developed and presented a design model that gained funding from the school using engineering practices
- Lead workshops instructing students on how to build and program hardware electronics in the form of a Macropad keyboard
- Effectively managed and instructed participants on how to solder, program (C) and flash a USB microcontroller with QMK firmware

QUALIFICATIONS AND TECHNICAL SKILLS

- Experience working with teams (**Pair Programming**) and software project development(**Scrum**)
- Proficient with data structures and algorithm design applied towards problem solving
- Programming Languages: **Java, Python, Javascript, HTML, CSS, C, Racket, Prolog**
- Program Development tools: **Visual Studio Code, Visual Studio, Eclipse, DrRacket, and Atom**
- Source Code Management tools: **Git, Github, Docker, and Netlify**

PROJECTS

QuickClip: Peer-to-Peer data sharing | *Python, Javascript, HTML5, CSS, Docker*

February 2022 - Present

- Partnered with fellow CSUN students in developing a web based Peer-to-peer data transfer application
- Use of an Agile development method (**SCRUM**) for rapid application development along with tools such as **Jira, Git, and Github** for collaboration and version control
- Developed an interactive and cohesive frontend for a web application using **HTML CSS and Javascript**
- Developed modular and efficient code for the backend (**Python**) for user authentication and data encryption combined with the **Flask** web framework

Easy Breezy: Web Weather Application | *Javascript ES6, HTML5, CSS*

June 2022 - Present

- Developed a web based weather application to display weather data and deployed using Netlify
- Implemented a weather API (**OpenWeatherMap**) to retrieve weather information
- Constructed a interactive frontend to display weather information dynamically to the Web page
- Used asynchronous functions to handle API calls in the form of Promises

Add to List: Mobile List Web Application | *Javascript ES6, HTML5, CSS, Firebase*

March 2022 - Present

- Developed a mobile website application that stores user entered data to a list and deployed using Netlify
- Integrated a database for storing, deleting and manipulating user entered input(**Firestore**)
- Displays user entered data dynamically to the web page in the form of a list
- Implemented an undo feature using a websites local storage to store temporary data