

Alec Morris

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Personal Summary

Aspiring computer science undergraduate passionate about Software Engineering and Web Development. A strong foundation in problem-solving, attention to detail, and the ability to work in dynamic environments. Committed to continuous growth through a proactive mindset and a drive to excel.

Education

Bachelor of Science – Computer Science

Aug 2023 - Present

Arizona State University

Associates of Arts

May 2020 – May 2023

Mesa Community College

Technical Skills

Programming Skills: C, C++, Python, Java, JavaScript, MySQL, SQL, HTML, CSS, Data Structures, Algorithms, Object Oriented Programming

Tools: Node.js, VS Code, API, Vercel, Firebase, GIT, Chrome Development, Pandas, GIT, GitHub, Netlify

Professional Experience

Data Entry Assistant, Tempe, AZ

- Created a script that pipelines data tasks that are required to be completed by the team. Reduces the time it takes to create a task log by 30%.
- Accurate data entry and analysis of clinical data that is sent to the FDA is correct 95% of the time.
- Database retrieval of information that is several years old and Query information for Data Analysts.

Clubs

SODA – The Software Developers Association

CodeDevils – ASU Software Development

Computer Science Club – Mesa Community College

Projects

Homework Focus – Chrome Extension

Extension allows users to set desired focus and break time creating an environment of intense focus. This can be useful for studying, homework, and reading. This application is published to the Chrome Web Store. Full stack application configured to communicate seamlessly with no errors.

To-Do list – Web App

Interface that allows users to create a list of tasks that must be completed. Tasks can be color-coated to display priority to organize what must be done first. This application reads and writes from a MySQL database which can be accessed from any web browser. An email is sent if the task is past desired due date.

Powerball Results – API

Web Scraper that fetches every Powerball drawing number which can be separated by year, month, and date. Creates an easy interface to implement up-to-date winning numbers into an application.

Login Page – Website

Login website that authenticates usernames and passwords using MySQL queries to verify the accuracy. User credentials can be edited through email verification. Node is used to listen and send requests between the front and back end. Encryption of all passwords and usernames to protect the confidential information.

Calculator – Website App

A calculator application that is run in the browser as a website, can do addition, subtraction, multiplication, division, powers, and parenthesis. Keeps track of the user's previous results that can be called upon again.