

# 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++, Java, JavaScript, MySQL, SQL, HTML, CSS, Data Structures, Algorithms, Object Oriented Programming

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

## Professional Experience

**Data Entry Assistant, Tempe, AZ**

- Created a script that pipelines data tasks that are required to be completed by team. Reduces time it takes to create a task log by 30%.
- Accurate data entry and analysis of clinical data that is sent to the FDA, 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 user 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 task is past desired due date.

**Powerball Results – API**

Web Scraper that fetches every Powerball drawing numbers which can be separated by year, months, 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**

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