

Summary

Software Engineer and Full Stack Developer new grad with a Computer Science degree from the University of Arizona and experience building web applications using the MERN stack.

Skills *(Years of experience listed after each item.)*

Languages: Python 2 | JavaScript 3 | Java 3 | HTML 3 | CSS 3 | C 2 | C++ 1 | PHP 0.5 | C# 0.5 | Go 0.2

Frameworks: React 1 | Express 1 | Flask 0.5

Databases: MySQL 2 | MongoDB 1 | PostgreSQL 0.5

Other: Git 3 | Linux 3 | Docker .5 | Figma .2 | AWS .2

Education

BSc in Computer Science, Graduation: 05/2022

University of Arizona, Tucson

- GPA: 3.59 / 4.00 (Cum laude)
- Dean's List

Projects

[Bluey](#) | Personal Project

- Leveraged docker images and containers to allow for deployment of the web application on any host
- Normalized Redux state shape using Redux Toolkit to allow for near instant look up times; speeding up the site and allowing for a faster user experience
- Uses React hooks in conjunction with axios to make RESTful calls to the backend server and MongoDB in order to mirror changes in the application's state

Database Design and Implementation | Academic

- Collaborated with other developers to deliver a database design and implementation for a theoretical campus health department
- Built a two-tier-client-server architecture utilizing the JDBC API to make queries to the connected Oracle Database
- Designed a normalized relation schema guaranteeing 3NF which was used to build the Oracle database

ASU Robo Hackathon | Team Project

- Assembled an autonomous robot using a SparkFun JetBot AI Kit with a Jetson Nano Developer Kit
- Utilized AWS RoboMaker to build and bundle a ROS application image to the autonomous robot
- Utilized AWS SageMaker to train the ML model to allow for course traversal and mascot identification

Awards & Certifications

2018-2022 | Wildcat Excellence Scholarship | University of Arizona