

OBJECTIVE

Provide an intuitive and innovative product for the end-user.

Maintain a comprehensive understanding of current technologies through research and implementation.

SKILLS

Software **development in a team** setting – accepting criticism when needed.

Holding the reins over multiple tasks while understanding the bigger picture.

Problem Solving thoroughly at a rapid pace.

Learning new technologies quickly while cohering to standard conventions.

LEADERSHIP EXPERIENCE

Marching Band

Acted as trumpet section leader during senior year of high school. Instructed and demonstrated techniques. Critiqued and coached individuals one-on-one through difficult musical passages. Managed sound equipment and often coordinated warm-up stretches.

EXPERIENCE

TECHNICAL LEAD • GATEWAY VENTURES REAL ESTATE [SEPTEMBER 2020 - CURRENT]

Act as regional IT liaison for the *West Edge* real estate development in downtown Charleston, SC. Coordinate with MSP out of Atlanta, GA remotely to install computer systems and troubleshoot network connections. Be the go-to support around the office building for anything from managing Zoom conference rooms to manipulating Excel spreadsheets. Develop python scripts to filter and extract data from CSV files.

FREELANCER • UPWORK [OCTOBER 2020 - DECEMBER 2020]

UI/UX Developer on a native iOS application dealing with trading-cards for a start-up. Learned *SwiftUI* the weekend beforehand & followed *MVVM* approach that optimized testability. Built to-spec based on designer's mock-up in *Adobe XD*. Worked with backend developer to integrate internal API & resolve issues.

COFOUNDER & LEAD DEVELOPER • DURANGO TECHNOLOGIES LLC [JUNE 2020 - CURRENT]

Founded a software company with a couple colleagues out of college. Focus on iOS development and are currently creating a social network for fitness enthusiasts for a client. Personal responsibilities include data modelling, firebase integration, task management, meeting scribe, and git merging/code review.

INVENTORY & IT SPECIALIST • ACCUTRAK INVENTORY [JUNE 2019 - CURRENT]

Count up the stock from a range of convenience stores, grocery stores, and a clothing warehouse. Use vocal cues to communicate with internal voice recognition software. Manage the equipment (tablets, headsets, router) during shifts. Create Excel Spreadsheets to match UPC to SKU in order to bring on new clients. Form variance reports utilizing various excel functions to match client needs.

PROJECTS

Meeting Scheduler (In Progress):

Retrieve optimal meeting time based on participants' overlapping schedules

- Minimal front-end allows quick input of free time slots. Based on issues coordinating VOIP schedules during COVID quarantine.

Toolkit: { Flutter, Firebase, Dart, JavaScript, git }

Carberry-PI (Undergrad Research):

A touchscreen user interface for the car

- Interfaces with the OBDII port to read engine information

Toolkit: { Python, PyQt, QML, JavaScript, JSON, git, bash scripting }

Plagiarism Checker:

Semester-long group project running with an agile-waterfall blend

- Highlights suspected areas on each file and provides a percentage (plagiarized) for reference

Toolkit: { C++, Qt }

Movies App:

Locates a random movie from a database with minimalist filters

- Talks with themoviedb REST API to request 100 most popular movies in a category

Toolkit: { React.js, Node.js, Sass, REST API }

EDUCATION

BACHELORS DEGREE IN COMPUTER SCIENCE | CYBERSECURITY MINOR

MAY 2020 | CHARLESTON SOUTHERN UNIVERSITY

3.56 GPA (Final)

Relevant Coursework

- Operating Systems | Computer Architecture (C, Verilog)
- Data Structures (C++) | Algorithms
- Database Management (MYSQL – Oracle Apex)
- Computer Networks & Networking Security (Metasploit, Kali, ADH)
- Linear Algebra | Calculus II | Physics I
- Probability & Statistics | Discrete Mathematics
- Object Oriented Programming (Java) | User Interface Design (Ruby on Rails)
- Systems Analysis and Software Design (Documents, Diagrams)
- Scripting Languages (Perl, Python, Javascript, Node.js + Express.js)

