

## 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 – transforming collaboration into progress.

Problem Solving thoroughly at a rapid pace.

Learning new technologies quickly while cohering to standard conventions.

## LEADERSHIP EXPERIENCE

### Mentorship & Management

Act as Sprint-Lead and Lead developer at CACI. Host technical stand-ups among developers, manage requirements, and take on release preparation responsibilities.

Acted as 'Battle Buddy' for onboarding co-workers. Answer questions and provide suggestions on development tasks and ease them into corporate culture.

### Marching Band

Acted as trumpet section leader during grade 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

### SOFTWARE DEVELOPER T2 – LEAD DEVELOPER • CACI INTERNATIONAL, INC. [MARCH 2021 – CURRENT]

Assist and eventually lead in the development of maintenance/feature releases of the [CIRRAS](#) project under NIWC. Utilize previous experience to apply functional software design patterns. Progress from **mid-level** to **lead** developer over 7 other developers. Conduct code reviews and discuss with requirements and testers for work approval. Plan sprint velocity and coordinate between various teams for testing and managing release items (sys-ops, dba, testers, help desk). Analyse Fortify scans and assist as developer liaison during STIG re-validation.

Primary stack: Angular, Typescript, (Spring) Java, Hibernate, Fortify, MySQL

### TECHNICAL LEAD • GATEWAY VENTURES REAL ESTATE [SEPTEMBER 2020 – MARCH 2021]

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 – MARCH 2021]

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. Also worked with a separate team on an iOS app for an RFID-cracking tool targeted at penetration testers.

### COFOUNDER & LEAD DEVELOPER • DURANGO TECHNOLOGIES LLC [JUNE 2020 – JUNE 2022]

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

### IT SPECIALIST • ACCUTRAK INVENTORY [DECEMBER 2021 – MARCH 2021]

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.

## EDUCATION/ACCREDITATIONS

### 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)
- Object Oriented Programming (Java) | User Interface Design (Ruby on Rails)
- Systems Analysis and Software Design (Documents, Diagrams)

### SECURITY+ (COMPTIA) CERT | AUGUST 2021

### SECRET SECURITY CLEARANCE | JUNE 2021

## PERSONAL PROJECTS

### Meeting Scheduler:

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



**Toolkit:** { C++, Qt }

**Movies\_App:**

*Locates a random movie from a database with minimalist filters*

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



**RYANMMCH@GMAIL.COM**



**(843) 709-8010**



**LINKEDIN.COM/IN/RYANMMCH**