Sorrento, FL   (352) 805-6280

Andrew Martyn

martyn.jandrew@gmail.com

github.com/andrewmartyn   andrewmartyn.dev

EDUCATION

Orlando, FL	**University of Central Florida**	**Fall 2020 - Present**

- Computer Science, M.S. (In Progress)
- Computer Science, B.S. (in-major GPA: 3.19)
- **Relevant Additional Coursework:** Algorithms for Machine Learning, Computer Vision

Clermont, FL	**Lake-Sumter State College**	**Summer 2018 - Summer 2020**

- Associate in Arts (focus on mathematics and physics)

EXPERIENCE

MarkyMark (github.com/~/markymark)

A web-based Markdown editor built during the Processes of Object-Oriented Software course at UCF

- Distributed responsibilities for feature areas across multiple team members
- Implemented open-source libraries used to build a feature-rich markdown editor and preview pane
- Mentored teammates on the usage of source control via Git which significantly reduced time spent fixing merge conflictions due to more frequent iterations
- Utilized: JavaScript, Material UI, MongoDB, Express, React.js, Node.js, CodeMirror

Senior Design Project (github.com/~/rtpc-scraper)

The Programming Team Catalog System is a Joomla component written for the UCF Programming Team during Senior Design which was preloaded with the past three years' worth of practice problem data

- Performed an integral part by developing the script used to obtain past problem data from an internal UCF website
- Parsed, processed, and reformatted 1348 individual problems including almost 10 Gb of respective metadata in the form of problem PDFs and sample input and output
- Utilized: PHP, Python, Pandas, BeautifulSoup4, PHPMyAdmin

Payspin (github.com/~/payspin)

A web-based pastebin which allows users to quickly save/share rich-text on a feature rich editor via a simple link

- Configured, setup, and styled Monaco Editor within a full stack React.js application
- Utilized: Vite, React, Monaco Editor, Tailwind CSS, DaisyUI, PocketBase

Competitive Programming

- Practiced alongside the UCF Programming Team and learned to identify algorithms used to solve abstract problems
- Wrote highly performant code to meet runtime requirements

EMPLOYMENT

Web Developer	**Brook Ridge Consulting**	**January 2023 - Present**

Brook Ridge Consulting Website

- Gathered requirements and provided consultation in a professional setting to build a dynamic website with the aim of improving their company's online presence
- Worked through changing requirements while maintaining a kanban board, tracking hours, and managing tasks with varying levels of priority and difficulty
- Leveraged knowledge in JavaScript, HTML, CSS, Node.js, kanban, Git, interpersonal skills, and user empathy

Grocery Clerk	**Publix Super Markets**	**August 2021 - Present**

- Spearheaded the organization of individual tasks and responsibilities among coworkers
- Memorized the locations of over one thousand products to increase efficiency of often repeated tasks
- Trained incoming team members resulting in up to 20% increased overall productivity
- Leveraged knowledge in interpersonal skills, customer service, memorization, problem solving, and punctuality

SKILLS

Proficient: C, Java, JavaScript, Python, HTML, CSS, Git, Bash, Linux
Familiar: C#, C++, PHP, TypeScript, .Net, Object-Oriented Design
Other: problem solving, strong inclination to learn, project management, interpersonal skills