

Andrew Martyn

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andrewmartyn.dev

EDUCATION

Orlando, FL	University of Central Florida	Fall 2020 - Fall 2022
<ul style="list-style-type: none">• Major: 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
<ul style="list-style-type: none">• 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 conflicts 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

- Wrote a python script to scrape an internal UCF website to obtain raw problem data
- 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 which is a popular open-source text editor used in applications like VS Code written by Microsoft
- 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, Freelance	Brook Ridge Consulting	January - April 2023
Brook Ridge Consulting Website		
<ul style="list-style-type: none">• 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• <u>Leveraged knowledge</u> in JavaScript, HTML, CSS, Node.js, kanban, Git, interpersonal skills, and user empathy		
Grocery Clerk	Publix Super Markets	August 2021 - Present
<ul style="list-style-type: none">• Collaborated with coworkers to organize tasks and individual responsibilities• Worked with management to come up with a schedule that balanced life, work, and school• Helped train incoming team members• <u>Leveraged knowledge</u> in interpersonal skills, customer service, memorization, problem solving, and punctuality		

SKILLS

Proficient: C, Java, JavaScript, Python, HTML, CSS, Git, Bash

Familiar: C#, C++, PHP, TypeScript, React.js, Object-Oriented Design

Other: problem solving, strong inclination to learn, project management, interpersonal skills