

# Andrew Martyn

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## EDUCATION

<b>Orlando, FL</b>	<b>University of Central Florida</b>	<b>Fall 2020 - Fall 2022</b>
<ul style="list-style-type: none"><li>• <b>Major:</b> Computer Science, B.S. (in-major GPA: 3.19)</li><li>• <b>Relevant Additional Coursework:</b> Algorithms for Machine Learning, Computer Vision</li></ul>		
<b>Clermont, FL</b>	<b>Lake-Sumter State College</b>	<b>Summer 2018 - Summer 2020</b>
<ul style="list-style-type: none"><li>• Associate in Arts (focus on mathematics and physics)</li></ul>		

## EXPERIENCE

### 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

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

### CallMe.Systems

A web-based contact manager built during the Processes of Object-Oriented Software course at UCF

- Pivoted quickly after a team member became unavailable and adopted their responsibilities to meet deadlines
- Designed and built a dynamic frontend using Bootstrap
- Utilized: MySQL, PHP, Bootstrap

### 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

<b>Web Developer, Freelance</b>	<b>Brook Ridge Consulting</b>	<b>January - April 2023</b>
Brook Ridge Consulting Website		
<ul style="list-style-type: none"><li>• Gathered requirements and provided consultation in a professional setting to build a dynamic website with the aim of improving their company's online presence</li><li>• Worked through changing requirements while maintaining a kanban board, tracking hours, and managing tasks with varying levels of priority and difficulty</li><li>• <u>Leveraged knowledge</u> in JavaScript, HTML, CSS, Node.js, kanban, Git, interpersonal skills, and user empathy</li></ul>		
<b>Grocery Clerk</b>	<b>Publix Super Markets</b>	<b>August 2021 - Present</b>
<ul style="list-style-type: none"><li>• Collaborated with coworkers to organize tasks and individual responsibilities</li><li>• Worked with management to come up with a schedule that balanced life, work, and school</li><li>• Helped train incoming team members</li><li>• <u>Leveraged knowledge</u> in interpersonal skills, customer service, memorization, logic and problem solving, and punctuality</li></ul>		

## 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