

<b>OBJECTIVE</b>	<b>Web Development/Software Engineer</b> position
<b>EDUCATION</b>	<b>Marist College</b> , Poughkeepsie, NY Bachelor of Science, May 2022 <b>Major:</b> Computer Science; <b>Minors:</b> Cybersecurity, Information Technology, Information Systems <b>Overall GPA:</b> 3.31; Major GPA: 3.33 Merit Scholarship
<b>EXPERIENCE</b>	<b><i>Compiler Design</i></b> (January 2022 - May 2022) <ul style="list-style-type: none"><li>• Created compiler from scratch in Java based on an LL1 grammar without using any compiler-compilers. Broken down into the four different stages of compilation: lexical analysis, parsing, semantic analysis, and code generation. Created Abstract and Concrete Syntax Trees, as well as a symbol table and token stream of the valid tokens.</li></ul> <b><i>Full Stack Client Application</i></b> (August 2021 - December 2021) <ul style="list-style-type: none"><li>• Created a website for a client that allows the user to manually enter their sleep data or connect their popular sleep tracking devices to their account (Oura/Apple Health). The data is analyzed through a machine learning algorithm to predict trends and provides a sleep score describing the overall quality of sleep.</li></ul> <b><i>Software Development</i></b> (Fall 2020) <ul style="list-style-type: none"><li>• Created a virtual machine which implemented the following:</li><li>• CPU pipeline which includes fetch, multiple decode, multiple execute, write back and interrupt handling steps</li><li>• 6502 instruction set and text encoding with ASCII</li></ul> <b><i>Information Technology and Information Systems</i></b> (Sept. 2018 - Present) <ul style="list-style-type: none"><li>• Implemented a lost/found database and web front end using PHP and MySQL</li><li>• Designed a large relational database for a multiplayer video game enterprise</li><li>• Created a website for a mockup music company utilizing HTML, CSS, and JavaScript</li></ul>
<b>TECHNICAL SKILLS</b>	<b><i>Languages:</i></b> Proficient in <b>Java, JavaScript, Python, HTML5, and SQL</b> <b><i>Applications:</i></b> React, Node.js, Bootstrap, Flask, PostgreSQL, Wordpress, Git <b><i>Operating Systems:</i></b> Windows, Linux <b><i>Other:</i></b> SCRUM, Agile Methodologies, Data Analysis
<b>ACTIVITIES</b>	<b><i>Intramural Soccer at Marist</i></b> (2018 - 2022)
<b>ABOUT ME</b>	<b><i>Entrepreneurship and love for computer science at a young age</i></b> - Began jailbreaking iPad/Android tablets at ages 14-16 to write code that allowed me to get coins (in game currency of a popular mobile game) at an exceptionally high rate. I created a large social media following as a result of my consistent success and branding, and had hundreds of people contacting me weekly wishing to buy the abundant amount of coins I had collected from my programs. This is where my passion for technology began.