

## Matthew Farrell

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<b>OBJECTIVE</b>	Entry-level <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>GPA:</b> 3.34
<b>TECHNICAL SKILLS</b>	<b>Languages:</b> Proficient in <b>Java, JavaScript, Python, HTML/CSS</b> , and <b>SQL</b> <b>Applications:</b> React, Node.js, Flask, Vue.js, PostgreSQL, Git <b>Operating Systems:</b> Windows, Linux <b>Methodologies:</b> SCRUM, Agile, Data Analysis, Algorithm Design, Complexity Analysis
<b>EXPERIENCE</b>	<b>Personal Portfolio Website</b> (June 2022 - Present) <ul style="list-style-type: none"><li>• Created a portfolio website using React.js to provide a brief introduction of my background, skillset, and aspirations. URL: <a href="http://www.farrellfolio.com">http://www.farrellfolio.com</a></li></ul> <b>Compiler Design</b> (January 2022 - May 2022) <ul style="list-style-type: none"><li>• Constructed a compiler in Java that takes in a modified “C” language from an LL1 grammar as input, and outputs 6502 opcodes if all stages of compilation passed with 0 errors.</li></ul> <b>Full Stack Client Application</b> (August 2021 - December 2021) <ul style="list-style-type: none"><li>• Sleep analysis website for a client who wanted to be able to connect their Oura Ring (popular sleep tracking device) with their account. Data was then analyzed through a ML algorithm to predict trends and return a report back to the user.</li><li>• <b>Frontend:</b> Bootstrap <b>Backend:</b> Flask, PostgreSQL, Oura API</li></ul>
<b>BACKGROUND</b>	<b>Where It All Started</b> <ul style="list-style-type: none"><li>• Began writing code on jailbroken iPad/Android tablets that allowed me to gain coins (in app currency) of a popular mobile game at an exceptional rate. I turned this abundance of coins into a large social media following and a five figure business at the age of 14. The full story is displayed in detail on my portfolio: (<a href="http://www.farrellfolio.com">http://www.farrellfolio.com</a>).</li></ul>