

Matthew Farrell

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Marist College
Poughkeepsie, NY 12601

Denver, CO
80204

OBJECTIVE	Entry-level Web Development/Software Engineer position
EDUCATION	Marist College , Poughkeepsie, NY Bachelor of Science, May 2022 Major: Computer Science Minors: Cybersecurity, Information Technology, Information Systems GPA: 3.34
TECHNICAL SKILLS	Languages: Proficient in Java, JavaScript, Python, HTML/CSS , and SQL Applications: React, Node.js, Flask, Vue.js, PostgreSQL, Git Operating Systems: Windows, Linux Methodologies: SCRUM, Agile, Data Analysis, Algorithm Design, Complexity Analysis
EXPERIENCE	Personal Portfolio Website (June 2022 - Present) <ul style="list-style-type: none">•Created a portfolio website using React.js to provide a brief introduction of my background, skillset, and aspirations. URL: http://www.farrellfolio.com Compiler Design (January 2022 - May 2022) <ul style="list-style-type: none">•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. Full Stack Client Application (August 2021 - December 2021) <ul style="list-style-type: none">•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.•Frontend: Bootstrap Backend: Flask, PostgreSQL, Oura API
BACKGROUND	Where It All Started <ul style="list-style-type: none">•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: (http://www.farrellfolio.com).