Michael J. Paglia
michaelpagliadev@gmail.com | https://www.michaelpaglia.dev
Troy, NY, 12180 | 518-852-7364

SKILLS

- Java, JavaScript, Python, Flask, C, C++, Lisp, Selenium, Solidity, SQL, Nginx

PROFESSIONAL EXPERIENCE

Intern − Regeneron Pharmaceuticals, Inc.   *May-Aug. 2023*
- Collaborated with IT department to implement a CRUD application interface and REST API
- Provided smart contract-based access using Python, Flask, JavaScript, and Dremio Data Lake
- Automated internally written regulatory report data through Microsoft Powersuite
- Visually identified and analyzed trends to drive department improvement

STEM Tutor − PAPER Tutors   *Jun. 2022-Present*
- Conducts virtual tutoring sessions for computer science and mathematics
- Coaches students on general programming principles using question-based teaching method
- Offers bilingual (English and Spanish) support while working with multiple students at a time

Blockchain Consultant − Self-Employed   *Jan. 2021-March 2022*
- Advised a group of 100 people on trends regarding cryptocurrency and non-fungible tokens
- Protected clientele by monitoring malignant code in smart contracts in the Web 3 sector
- Monitored profitability of new currencies and tokens for recommendations to group

Founder & CEO − M.P. Mercantile, L.L.C.   *Nov. 2020-Present*
- Founded a start-up e-commerce business hosted on three online marketplaces
- Acquires and transports electronic goods to customers within the United States
- Achieves over six figures annually in gross sales revenue

EDUCATION

University at Albany, SUNY   *Anticipated May 2024*
Bachelor of Science in Computer Science
- GPA: 3.87
- Societies: Phi Beta Kappa, The Honors College, National Society of Collegiate Scholars

PROJECTS

Personal Website   *Jan. 2023*
- Created a custom, secure website using HTML, CSS, and JavaScript
- Hosted website on a private web server paired with Debian 11 OS, Nginx, and Certbot
- Designed easily accessible widgets responsive across various interfaces

Interpreter   *Aug.-Nov. 2022*
- Developed an interpreter using Java by lexically analyzing tokens from a .txt file, parsing tokens into nodes, semantically analyzing and interpreting nodes into output
- Built-in functions for integers and strings enhance the user's capabilities with the language