Marco Scarlata

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Education 🏛

University of Rochester   Aug. 2018 – May 2022
B.A in Computer Science | Minor in Mathematics and Psychology   *Rochester, NY*
- **Major GPA**: 3.7/4.0 – Consecutive Dean's List Recipient
- **Relevant Courses**: Data Structures & Algorithms | Formal Systems & Computation | Web Programming | Human Computer Interaction | Mobile App Dev | Database Systems | Collaborative Programming & Software Design
- Dean's Scholarship & Rochester National Grant Awardee

Experience ⌨

Full-Stack Software Engineer   Aug. 2021 – Present
Pretzel Kids   *Boston, MA*
- Training in MERN stack & AWS with Team Lead, to incorporate new mission critical dashboard feature

Software Engineer   Jun. 2021 – Present
Pital   *Remote, NY*
- Assembled an NLP, Web-Scraping tool to scrape state-wide public newsletters thereby collecting over 50000 creditor notice data points for a curated data collection task through utilizing SpaCy, Selenium & Streamlit
- Overhauled NoCodeDB by implementing test automation and fixing legacy code using Svelte, Python & NodeJS

Software Engineer Intern   Jun. 2020 – Aug. 2020
OpenSesame   *Portland, OR*
- Extended language drop-down feature to include search selection for Portugese courses through AngularJS
- Extrapolated multiple burn-down processes of E2E tests, Behat tests, API tests, and unit tests resulting in locating over 6 different bugs spawned from the most recent sprint runs
- Built out E2E tests through replicating over 10 deprecated legacy tests from Drupal with Selenium and AngularJS

Teaching Assistant & CETL Tutor   Sep. 2019 – Present
University of Rochester   *Rochester, NY*
- Taught & students in Web Programming, Data Structures & Algorithms and Formal System & Computations
- Coordinated tutoring sessions with 15+ college students resulting in 25% increase in project scores in courses such as Intro to C.S, Data Structures & Algorithms, Discrete Math and Calculus

Machine Learning Intern   Jun. 2019 – Aug. 2019
ANDSystems   *Ulaanbaatar, Mongolia*
- Conceptualized and deployed a module-based recommender system with in-built caching to accommodate other Recommenders in Python SKLearn as well as easy access to the NoSQL database for scalability
- Analyzed the purchase history of 100,000+ users buying coupons through regression and sentiment analysis, thereby locating a sector in sales with 40% of profits that had the potential to bring up to around 10% more income

Projects 💡

Portfolio | *Django, JavaScript, HTML, CSS*   Jun. 2021 – Present
- Created a modular Django App to host various miniature apps built for personal use & proof of concept
- Features a note-taking, to-do and blog application as well my portfolio

Ghost Finder | *Kotlin, room*   May 2021 – Jun. 2021
- Android game showcasing fundamental knowledge of mobile app development
- Game features' database connection functionality via Room for multiple character choices and player data retention

Skills ⊞

Languages : Java, Python, C, JavaScript, HTML/CSS, SQL, Kotlin
Frameworks & Libraries: Django, React, Node.js, Flask, Selenium, SpaCy, RESTful APIs, SQLite, Pandas, NumPy
Tools: Git, Jira, Jenkins, Linux, Visual Studio Code, IntelliJ IDEA, DeepNote, OS Terminal