Marco Scarlata

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EDUCATION 🏛

University of Rochester — Aug. 2018 – May 2022

Bachelors 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 | Intro to Artificial Intelligence | Database Systems | Natural Language Processing |
- Dean's Scholarship & Rochester National Grant Awardee

EXPERIENCE ⌨

Software Engineer — Aug. 2022 – Present

Google — *Seattle, WA*

- Incoming Software Engineer for the Google Workplace Apps product area

Software Engineer Intern — Jun. 2021 – May. 2021

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 Selenium, Python & NodeJS
- Constructed a visual AI Assistant app that locates leads by accessing the UpWork API and then training an NLP model which locates optimal leads for contract workers by utilizing Svelte, Python Flask & SpaCy
- Initiated an NFT E-Commerce platform that allows individuals to create physical representations of their NFTs via the Printful API by using the Solana blockchain through their Python library, Solana.py, as well as Asyncio and Svelte

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 6 different bugs spawned from the most recent sprints, which were preventing the landing page from loading for IE users
- Built out E2E tests through replicating over 10 deprecated legacy tests from Drupal with Selenium and AngularJS

Teaching Assistant & CETL Tutor — Sep. 2019 – Dec. 2021

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 a 25% increase in project scores for courses such as Introduction to Computer Science, 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 📍

Company Ion – "companion" | *SpaCy, StreamLit, Selenium, Python* — Aug. 2021 – Present

- Created an AI analysis tool, named Ion, to help better utilize different websites to locate the most ideal companies for international students through locating interested core values, resonating mission statement and OPT conversion rates
- Core features include an OPT Listing scraper, data visualization for specific companies and a user curation feature

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, Rust
Frameworks: Flask, Django, React, Svelte, Bulma
Libraries: Node.js, Selenium, SpaCy, Keras, RESTful APIs, SQLite, Pandas, NumPy
Tools: Git, Jira, Jenkins, Linux, Visual Studio Code, IntelliJ IDEA, DeepNote, OS Terminal