Marco Scarlata

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EDUCATION

University of Rochester — August 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 Recepient
- **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

Software Engineer Intern — June 2021 – Present

Pital — *Remote, NY*

- Assisted Lead Developer in building a Selenium web-scraping Streamlit app to allow the client to have an ML no-code solution to data collection
- Utilized React Native as well as Draftbit, an application visualization software, to deploy user-facing tools for clients

Software Engineer Intern — June 2020 – August 2020

OpenSesame — *Portland, OR*

- Improved language drop-down feature in E-Learning platform by mitigating a bug in AngularJS
- Assisted in over 10 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 run
- Promoted a more scalable solution to testing by migrating legacy tests from Drupal into AngularJS
- Contributed to the launch of a 6 month, large project and TED@Work partnership

Teaching Assistant & CETL Tutor — September 2019 – Present

University of Rochester — *Rochester, NY*

- Advised, graded & assisted students in the Web Programming, Data Structures & Algorithms and Formal System & Computations courses.
- Conducted 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 — June 2019 – August 2019

ANDSystems — *Ulaanbaatar, Mongolia*

- Assembled a module-based recommender system with in-built caching to accommodate other Recommenders as well as easy access to the NoSQL database for scalability
- Analyzed the data and purchase history of 100,000+ users buying coupons, located sectors with a large impact on sales and income, namely one which held 40% of sales and had the estimated potential to bring up to around 10% more income

SKILLS

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

PROJECTS

Portfolio | *Django, JavaScript, HTML, CSS* — June 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 – June 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