

# 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