

# RJ Maitra

Software Developer | Financial Analyst

Washington, D.C. | 703-953-8413 | [rj.maitra@gmail.com](mailto:rj.maitra@gmail.com)

[github.com/rj-maitra](https://github.com/rj-maitra) | [linkedin.com/in/ranjanmaitra](https://linkedin.com/in/ranjanmaitra) | [ranjanmaitra.com](https://ranjanmaitra.com)

## Professional Summary

Dedicated and detail-oriented Software Developer with 4 years of professional experience with a Fortune 500 company. Bachelor's in Finance with hands-on software development experience in Python, C#, React, and JavaScript. Seeking to leverage professional experience with knowledge of software development to join a driven team that creates impactful products.

## Technical Skills

Languages	Python, C# DOT NET Core, JavaScript
Web Development	HTML, CSS, JavaScript, AJAX, jQuery, Bootstrap, MERN (MongoDB, Express.js, React, Node.js)
Frameworks	Flask, Django, Entity Framework Core
Databases	Relational (MySQL, SQLite), Non-relational (MongoDB)
Deployment	AWS, NGINX, Git
Concepts	OOP, RESTful APIs, CRUD Operations, MVC Frameworks
Software	Visual Studio, MySQL Workbench, MS Office Suite (Access, Excel, Word), SEI Trust 3000

## Projects

### **Yelp 2.0 ([Code](#))      JavaScript incorporating React, MongoDB, Express.js, Mongoose Server**

A simple restaurant reviewer in which visitors may add restaurants and reviews. Others may add reviews to existing restaurants. Features include restaurants sorted by average rating, entry validation, and the prevention of duplicate restaurants in the database.

### **Activity Planner ([Code](#))      C# using ASP.NET Core, Entity Framework**

An activity planner in which registered users may plan fun activities and join other user-created activities. Features login and password validations, Bcrypt password hashing, Session, and one-to-many and many-to-many schema relationships.

### **Travel Buddy ([Code](#))      Python in a Django Framework**

A travel organizer allowing registered users to coordinate travel plans and join travel itineraries created by others. Featuring login validations, Bcrypt password hashing, Session, and multiple schema relationships.

## Professional Experience

### **Resident Full Stack Developer**

**March 2019 – present**

Coding Dojo Academy – Tysons, VA

- Created and deployed web applications from front-end to back-end
- Engineered RESTful routes, CRUD operations, and API integration
- Established connections between multiple datasets in SQL and NoSQL

### **Independent Contractor**

**April 2016 – present**

Transportation Network Company Services – Washington, D.C.

- Provided safe, efficient transportation for over 10,000 riders
- Consistently maintained a 4.9+ out of 5 driver rating

### **Trust Distribution Analyst II**

**September 2012 – April 2016**

Bank of New York Mellon – Pittsburgh, PA

- Managed the distribution and termination of 1,000+ fiduciary, guardianship, decedent estate, special needs, dynasty, and life insurance trust accounts
- Analyzed governing documents to prepare a detailed distribution proposal for approval by internal fiduciary committees

- Obtained and documented co-trustee and beneficiary approval, indemnification, and distribution delivery forms
- Interfaced with internal and external tax departments for applicable tax liabilities and allocated reserves accordingly
- Drafted detailed asset allocation and cash distribution schedules utilizing Excel macros and formulas to equalize inequitable beneficiary distributions
- Created and implemented a training plan for team members on identifying and analyzing accrued undistributed income due to decedent's estate with respect to state-specific laws
- Provided centralized support throughout the distribution process, interfacing with brokers, attorneys, successor trustees, the Attorney General's office, and internal departments to ensure proper handling of fees, taxes, and asset and cash movement
- Utilized Ancestry, LexisNexis, and online records to perform due diligence prior to escheating uncashed distributions
- Maintained error rate of <1.5% with a department standard of 6% while managing 100+ accounts, over target workload of 65
- Enhanced new business revenue by recognizing opportunities to retain distributive trust shares and coordinating efforts between clients and licensed financial representatives

#### **Internship, Distribution Unit**

**June 2012 – August 2012**

Bank of New York Mellon – Pittsburgh, PA

- Performed internship-level tasks in both the Account Open Unit and Distributions Unit along with full-time account intake tasks that lead to continued employment post-internship
- Logged coding changes for account maintenance and large-volume wire projects
- Retrieved, logged, and prepared account vault work documentation for two departments
- Reviewed and prepared new accounts, and distributed terminating IMA, IRA, and Trustee accounts to specialists for processing, a full-time intake

### **Education**

#### **Full Stack Software Developer Program**

**March 2019 – June 2019**

Coding Dojo Academy – Tysons, VA

- Immersive software development program with 1,200+ hours of coding experience, Triple Black Belt recipient (>99% overall)
- Developed web applications using Python and Flask/Django, C# ASP.NET Core MVC Framework, and React
- Engineered OOP methodology, RESTful routes, CRUD operations, API integration, relational (SQL) and non-relational (NoSQL) databases
- Solved algorithms and data structures, including: Arrays, loops, dictionaries, stacks, queues, linked lists, recursion, heaps, binary trees, tries, and graphs
- Certificate of Accomplishment ([Link](#))

#### **Bachelor of Science, Business Administration: Finance**

**August 2008 – May 2012**

Saunders College of Business, Rochester Institute of Technology – Rochester, NY

- Explored the management, creation, and study of money, banking, investments, assets, and liabilities. Used technology to dig into financial systems, performed cash-flow analysis, research capital markets, create financial decision-making models, and forecast company earnings and liabilities. Utilized statistical software to map and analyze correlation among data sets.
- Scholarships: DVRS of Virginia Scholarship, Presidential and Dean Scholarship, Merit Scholarship, Achievement Scholarship
- Minor: Cognitive Sciences

### **Community Activities**

Assisted Make-A-Wish Grapevine Fundraiser with event coordination and auction setup

Aided Pittsburgh Zoo employees with family-oriented activities at Rocking Red Panda Day

Co-hosted BNY Mellon Pittsburgh Food Drive collection efforts

Sign Language Activity for Bring Our Daughters and Sons to Work Day

Instructor's Aide in Sign Language classes for BNY Mellon employees

Co-presented Diversity and Inclusion Presentation to BNY Mellon AMSS Dept.

Guest speaker in BNY Mellon Intern Recruiting Video, 2013

Presented to BNY Mellon Account Open, Distribution Units on Diversity and Deaf Co-Workers

Assisted The Pittsburgh Food Bank with intake and distribution of donated items

Cochlear Implant Panelist at the National Technical Institute for the Deaf, Rochester Institute of Technology