Mir Shahiduzzaman

New York, NY | 718-794-5961 | mirmshahiduzzaman@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Professional Experience

Tech Fellow, MakerState, New York, NY   9/2021 - Present
- Managing team of 30 in **programming** with **Python** and **JavaScript** to work with robots, improving competency in software development by 90%
- Presenting new **APIs** and **software** to development team, enhancing their business model by 15%
- Scheduling **daily meetings** with clients to review lessons, receive feedback, and **produce reports** for managers, allowing for relevant class sessions and increasing client retention rate by 10%

Research Assistant, Fordham University, New York, NY   2/2021 - 8/2023
- Conducted **Scrum meetings** to develop course recommendation tool with **Python** and **ML**
- Updated **user interface** with popups and tooltips, resulting in a 40% more user-friendly app
- Created **unit tests** with Python to validate results after changes to code, reducing errors by 10%
- Built dynamic **documentation** site for tool, improving code comprehension by 65%

Graduate Assistant, Fordham University, New York, NY   7/2023 - 8/2023
- Tracked student progress by **entering and analyzing data** in team with **Google Sheets**, leading to better tailored lessons and improving class assignment average by 15%
- Lead office hours for college-level computer science class with **C++ programming language**, helping students understand material and complete assignments with 20% more efficient solutions
- Delivered materials to class to accommodate students, allowing for 10% smoother class sessions

Software Projects

AllTogether Chat App
- Developed messaging app connecting user clients with Chat Engine server using **NextJS**, creating a **minimal latency** experience navigating between pages and messaging other users
- Added **account creation** using Chat Engine **API**, enhancing privacy and personalization by 60%
- Designed **user interface** with **CSS**, allowing users to manage chats and settings 10% more easily

Foodly Recipe App
- Created **Kotlin** app for users to search and save any recipe from a **database** using its **API**
- Designed a personalized system recognized by CodePath as **top 5** among 50 **team** submissions
- Added **user login** to allow **data persistence** across devices, enhancing user experience by 20%
- Designed **flowchart** displaying app navigation and functionality, improving collaboration by 20%

PyCasts Content Aggregator
- Incorporated **django-apscheduler** to **automate** custom commands on a personalized schedule, ensuring podcasts are up-to-date while keeping a minimal job history length
- Used **feedparser** to **parse** RSS feeds and display information in 60% more readable format
- Added **unit tests** for **Django** app, allowing developers to **debug** app 30% more effectively

Core Qualifications

- Proficient: Python, Java, SQL, HTML, CSS, JavaScript, C++, Kotlin
- Familiar: ReactJS, NodeJS, NextJS
- GitHub, Bash, Linux, Docker
- MS Excel, Word, PowerPoint
- Team Player, Self-Motivated

- Visual Studio, Eclipse, Jupyter Notebook, NotePad++, Android Studio
- Strong Verbal / Written Communication
- Manage Time and Deadlines
- Adaptability and Flexibility
- Problem Solving

Education

Fordham University, New York, NY   2019 - 2023
Bachelor of Science in Computer Science, Minor in Mathematics, GPA: 3.6
- **Classes**: Algorithms, Data Structures, Data Mining, Data Communications and Networks, Database Systems, Operating Systems, Computer Organization, Computer Forensics