MD R. Islam

Portfolio: https://exp0nge.github.io
GitHub: https://github.com/exp0nge
Email: mdislamwork@gmail.com

EDUCATION

The City College of New York - CUNY
Bachelors of Science in Computer Science, Magna Cum Laude (GPA 3.6)

TECHNICAL SKILLS

Programming Languages: Scala, Python, Java
Technologies: Bazel, Play Framework, Django, Flask, MongoDB, React, Node, HTML/CSS/JavaScript

EXPERIENCE

Gemini.com   **September 2018 - Current**
Staff Software Engineer   New York, NY
- Developing core wallets for layer ones
- Developed core wallet for Dogecoin, Solana, and various Exchange services
- Integrated various Filecoin on-chain operations: miner custody, offline vesting, Wrapped Etheruem Filecoin
- Developed various integrations to support international onboarding (banking APIs, etc)
- Developed automated system to rebalance negative accounts through daily auction
- Integrated and developed new functionality to support multiple ERC-20 assets in the custody product
- Integrated Silvergate Exchange Network to provide instantaneous 24/7 deposits and withdraws which now transacts millions monthly
- Developed system to reconcile internal ledger and blockchain events to spot discrepancies in the Gemini ecosystem

IBM   **August 2017 – September 2018**
Software Engineer   Yorktown Heights, NY
- Developed early automated machine learning system to win data science competitions
- Maintained and supported booth display frontend for major conferences remotely
- Developed and deployed the backend for a web app for NIPS 2017 to show bias in AI and also collect data from interactions by users and which is available to the public today

appFigures   **January 2017 – May 2017**
Backend Developer Intern   New York, NY
- Integrated various ad networks and usage networks onto the platform using C#/.NET
- Created news scraper with Python to extract app mentions from different news sources
- Added analytics support for ad spend and integrated a few networks for the feature

Gleam   **December 2015 – January 2017**
Software Developer - Platform   New York, NY
- Developed and maintained chat, data visualization, task, journal, and note management system for patient and therapist views using the Django framework which create more effective and efficient mental healthcare therapy sessions. Utilized dc.js with D3.js for interactive data visualizations using AlchemyAPI for sentiment analysis

JPMorgan Chase & Co.   **June 2016 – August 2016**
Application Developer Intern – Risk and Finance Technology   Brooklyn, NY
- Developed backend for an attestation feature for capital using the Athena framework
- Utilized Python, relational and object-orientated databases, in an Agile environment alongside four other developers
- Replaced existing user tool to centralize and standardize the workflow for corporate line of business controllers to reduce risk

Los Alamos National Laboratory   **June 2015 – August 2015**
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