

MD R. Islam

Portfolio: <https://exp0nge.github.io>
GitHub: <https://github.com/exp0nge>

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EDUCATION

The City College of New York - CUNY
Bachelors of Science in Computer Science

GPA: 3.6
Expected May 2017

TECHNICAL SKILLS

Programming Languages: Python, Java, R5RS Scheme, C++

Technologies: Django, Flask, MongoDB, Express, AngularJS, Node, HTML/CSS/JavaScript

EXPERIENCE

appFigures

01/04/2017 – Present

Backend Developer Intern

New York, NY

- Developing web platform and backend API components using C#/.NET

Gleam

12/01/2015 – 01/04/2017

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
- Researched, prototyped, and implemented user stories in an Agile team
- Utilized dc.js with D3.js for interactive data visualizations using AlchemyAPI's sentiment analysis and sentence ranking features, created dashboard interfaces, and integrated platform onto AWS and Azure

JPMorgan Chase & Co.

06/01/2016 – 08/12/2016

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

06/02/2015 – 08/25/2015

Software Developer Intern – Computational Earth Sciences

Los Alamos, NM

- Developed a cross-platform GUI to allow computational earth scientists to simulate subsurface flow and transport models using the PySide (Qt wrapper) framework
- Optimized the workflow for scientists by allowing them to rapidly model systems

PROJECTS

Web Novel Scraper

Summer 2016

- Designed a scraper tool to store web novels offline and in portable formats for ease of use
- Developed using Flask backend, with Celery and Redis, and AngularJS frontend, and a local version using Python