MD R. Islam

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EDUCATION

City College of the University of New York **GPA**: 3.6
Bachelors of Science in Computer Science (Expected May 2017)

TECHNICAL SKILLS

Programming Languages: Python, Java, C++
Technologies: Django, Flask, MongoDB, Express, AngularJS, Node, HTML/CSS/JavaScript

EXPERIENCE

JPMorgan Chase & Co. **06/01/2016 – 08/12/2016**
Technology Analyst Intern – Risk and Finance Technology

- 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.

Gleam **12/01/2015 – Present**
Software Developer – Zahn Innovation Center

- Developed and maintained chat, data visualization, task, journal, and note management system for patient and therapist views.
- Semi-finalists in the Zahn Innovation Competition and part of the summer accelerator 2016 cohort.

Los Alamos National Laboratory **06/02/2015 – 08/25/2015**
Summer Intern (Computational Earth Science) – Department of Energy

- Used PySide to create a cross-platform GUI to allow computational earth scientists to simulate subsurface flow and transport models.

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.

Networks in Electroencephalogram Sleep Data **Spring 2016**

- Designed D3 visualization to show networks in EEG data during phases of sleep.
- Developed web tool to show networks with different pre-processors (e.g. z score/bandpass) and postprocessors (e.g. Pearson, cosine) with matrix visualization and chord diagram.

Break Bread **Fall 2015**

- Reengineered an app which allows customers to create reservations at restaurants and have the food already prepared when they get there.
- Developed using MongoDB, Express, and Node.