

MD R. Islam

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

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EDUCATION

City College of The University of New York
Bachelors of Science in Computer Science: Expected May 2017
GPA: 3.6

TECHNICAL SKILLS

Programming Languages: Python, Java, C++
Frameworks: Django, MEAN

PROJECTS

Light Novel Scraper (Winter 2016):

- A web scraper to scrap and store web novels offline and in portable formats for ease of use.
- Developed two versions, a web version using Flask backend, with Celery and Redis, and AngularJS frontend, and a local version using Python.
- Won first place in the CCNY ACM Software Competition 2016.

Mount Sinai PAIRportal Alpha (Fall 2015):

- Designed and developed a Django app, with Materialize, to allow researchers from Mount Sinai Hospital to recruit students for research projects.

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.
- The original project was developed using Django while this version used MongoDB, Express, and Node.

EXPERIENCE

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

- Gleam is a web platform enabling more targeted and effective therapy.
- Developed and maintained real-time chat using WebSockets, data visualization for therapy progress using D3, and task management system for both the client and therapist views.
- Semi-finalists in the Zahn Innovation Competition and participants of the summer accelerator.

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

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

AWARDS/ AFFILIATIONS

New Era Scholarship, 2013 – Present
CCNY Association for Computing Subchapter, 2014 – Present