

# SYED AZMAIN

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## EXPERIENCE

### Systems Developer & Analyst // National Grid

JUNE 2019 - PRESENT, WALTHAM, MA

- ❖ Automating data extract processes from ArcGIS Online to company servers by developing Python scripts.
- ❖ Debugging & resolving runtime errors of multiple electricity outage data refresh processes.
- ❖ Administering access to custom-built GIS applications, leading to user growth of 100 users/month.
- ❖ Implementing a data accuracy tracking feature for an high visibility application to maintain data integrity.

### Software Developer // City of New York - Financial Information Services Agency

JULY 2016 - MAY 2019, NEW YORK, NY

- ❖ Developed SQL queries, custom JavaScript formulas to produce daily ad-hoc reports of vital issues.  
Debugged & maintained over 500 financial applications in test & production environments by using CA automation software.
- ❖ Executed instances of daily batch applications containing latest payroll data.
- ❖ Deployed JCL enhancements after UAT testing following backup of existing code, through an in-house command line interface.

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## EDUCATION

### B.S in Computer Science // Brooklyn College

AUGUST 2014 - JUNE 2018, BROOKLYN, NY

Minor: Psychology

Database Systems (SQL)

Advanced Programming (C++)

Data Structures (C++)

Algorithms

Object Oriented Programming (Java)

Operating Systems

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## PROJECTS

### Material UI Login Form

- ❖ Developed a responsive login form User Interface. *HTML, CSS, JavaScript, Material UI.*

### Scan2Go

- ❖ Developed an Android application that uses device cameras, interpreting real-time visual data to determine user interactions. *Java, Google Cloud Vision API, OCR, XML.*

### Brooklyn College Computer Science Club

- ❖ Built a responsive and informational Brooklyn College Computer Science Club website. *HTML5, CSS3, JavaScript, Bootstrap, jQuery.*

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## LANGUAGES & TECHNOLOGIES

- ❖ C++; Java; Python; SQL; HTML5; CSS3; JavaScript; Bootstrap; XML

- ❖ Eclipse; Dev C++; Visual Studio Code; Android Studio; Python 3.8; Git/Github; NPM; IntelliJ IDEA