Jonathan Rozario

3236 58th Street #3, Woodside, NY 11377
jonathanrozario@gmail.com | (347) 493-0364 | jnthnrzr.github.io

EDUCATION

Bachelor of Science in Computer Science   **Graduated: January 2018**
The Grove School of Engineering at The City College of New York
New York, NY

EXPERIENCE

Application Developer   **August 2017 – April 2018**
Attention & Neuropsychological Development (ATTEND) Lab
The City College of New York
- Implemented a survey system to record user responses about craving for specific kinds of food
- Built an endpoint to download data as csv or Excel spreadsheets for statistical analysis
- Provided data synchronization across multiple machines over local Ethernet network

College Tutor   **August 2014 – June 2016**
SEEK PAL Center
The City College of New York
- Reviewed concepts in computer science and calculus with students in one-on-one and group setting
- Mentored students to follow best practices, problem solving techniques and develop critical thinking skills

PROJECTS

Food Craving Survey   https://foodcraving.herokuapp.com
- Deployed an online survey system to track user responses about food desirability
- Managed testing of the functions using the Python unittest module
- Tech stack used: Flask, SQLAlchemy ORM, PostgreSQL, Heroku

E Train Stations   https://github.com/jnthnrzr/e-train-stations
- Developed an Alexa trivia game for riders of the E Train in NYC Subway
- Provided an auditory interface for players to use an Alexa connected device to vocally invoke and play a quiz game of 5 randomized questions about E train subway stations
- Tech stack used: NodeJS, AWS Lambda, Alexa Skills Kit

Rent-Buy-Sell   https://github.com/jnthnrzr/rent-buy-sell
- Built a web app to simulate an online shopping experience with options to rent, buy, sell virtual products
- Developed functionalities Users can list items, deadlines for item listing expiry, and confirm transactions
- Tech stack used: Django, Django ORM, SQLite database

PyStock   https://github.com/jnthnrzr/pystock
- Implemented a stock exchange simulation program describing short-selling and buying-on-margin
- Connected the system to an offsite MySQL database for data queries made using Python driver for MySQL
- Tech stack used: Python, MySQL, HTML, CSS

SKILLS

Programming languages: Python, JavaScript, Java, C++
Web Languages/Frameworks: HTML, CSS, Flask, Django, Bootstrap
Databases: MySQL, PostgreSQL, SQLite
Tools/Cloud stack: Git, Linux, Alexa Skills Kit, Amazon Web Services (AWS), AWS Lambda, Heroku