JONATHAN ROZARIO

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PROFESSIONAL EXPERIENCE

New York, NY **The City College of New York** **February 2017 – present**

Full Stack Developer, *Attention & Neuropsychological Development (ATTEND) Lab*

- Successfully ensured efficient recording of user responses through an interactive survey built with Python, JavaScript, jQuery, Flask, HTML, CSS, and SQLAlchemy.
- Spearheaded team productivity by implementing download endpoint for all participant data collected.
- Redesigned CSV file structure to streamline and automate data consolidation.
- Promoted data synchronization across multiple machines over local network and SQL database.

New York, NY **The City College of New York** **August 2014 – June 2016**

College Tutor, *SEEK PAL Center*

- 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.

TECHNICAL EXPERIENCE

Projects

- **Blockblog (2018)**. Personal blog with a REST API supporting CRUD functions. **Node, Express (ES6), Mongodb, Mongoose, Git**.
- **Guessing Game (2018)**. Responsive search application for a random number which queries the Numbers API dynamically via Fetch API. **ReactJS (ES6), Github Pages**.
- **Food Craving Survey (2017)**. Specialized online survey system built from scratch. Application tracks users about food choices. The build status is ensured through comprehensive functional tests and automatic coverage checks. **Flask, SQLAlchemy, jQuery, Heroku, Postgres, Pytest, Travis CI**.
- **Rent-Buy-Sell (2016)**. Full-stack responsive web application to simulate an online shopping experience where users can list items and confirm transactions in shopping cart. **Django, HTML5, CSS3, JavaScript, SQL**.

EDUCATION

New York, NY **The City College of New York** **Fall 2013 – Fall 2017**

- Bachelor of Science in Computer Science.

ACCOLADES

Udacity: Grow with Google Scholarship for Android Nanodegree	2018
Alexa Developer Diploma	2017

LANGUAGES AND TECHNOLOGIES

- Python, JavaScript ES6, Java, HTML5, CSS3
- Flask, Django, SQLAlchemy, Express, React
- Git, Bash, Node, AWS, Heroku, Travis CI
- MySQL, PostgreSQL, SQLite, Mongodb