JONATHAN ROZARIO

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Insightful, results-driven new grad programmer with professional experience in building scalable web applications. Demonstrated comprehensive knowledge of Python and JavaScript while providing full life cycle project management. Adept at coordinating and implementing requirements definition, design, architecture, testing, and support. Eager to master progressive technologies and design patterns.

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

EDUCATION

New York, NY   **The City College of New York**   **Fall 2013 – Fall 2017**
- Bachelor of Science in Computer Science. GPA: 3.1
- Coursework: Web Design and Development; Databases; Object Oriented Programming; Data Structures; Algorithms; Programming Languages; Computer Architecture; Calculus III.

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.

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, NodeJS, AWS, Heroku, Travis CI
- MySQL, PostgreSQL, SQLite, Mongodb
- Familiar with agile, unit testing, TDD