Bola Ghaly

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OBJECTIVE

An Intellectually curious student with a passion for learning new technologies and a strong interest in software development, seeking an internship that will allow me to further develop my abilities.

EDUCATION

The City University of New York, College of Staten Island, NY

BS Degree in Computer Science, Anticipated Graduation: Spring 2023. Current Overall GPA: **3.6**

TECHNICAL SKILLS

Programming: C++, Java, Python, HTML, CSS, JavaScript, REST API, PostgreSQL
Frameworks & Libraries: React.js, Redux, Node.js, Express.js, Flask, Bootstrap
Technologies: VS Code, Eclipse, Git, GitHub, Heroku, Netlify, Trello, Figma, Microsoft Office Suite

TECHNICAL PROJECTS

TTP Full Stack Web Dev Bootcamp – Capstone Project   **Staten Island, NY**
Tech Talent Pipeline (TTP): Software Development Student   *January 2022 - February 2022*

Applied React.js, Node.js, Express.js, and PostgreSQL to create an online loot box simulator where a user can open different kinds of card packs to get a chance to own their favorite NBA player trading cards.

- Used Node.js, Express.js, and PostgreSQL to create custom routes and HTTP messages allowing player information, user login information, and user card collection to be exchanged between the client and the server.
- Allowed users to create an account or login with an existing account using email and password validation by using regular expressions (regex).
- Encrypted user passwords by using bcrypt.js before storing them into a PostgreSQL database table.
- Deployed the server and PostgreSQL database to Heroku so that it can be accessible to the front-end application on any device thereby allowing for the web application to be fully accessible and functional to all users.

PROFESSIONAL EXPERIENCE

NYC Department of Education   **New York, NY**
Substitute Paraprofessional   *January 2020 – December 2021*

Worked at District 75 to provide instructional support in a wide variety of settings and locations around NYC for students with significant challenges such as Autism Spectrum Disorders, Sensory impairments, etc.

- Assisted teachers with classwork and reinforced lesson content by working with individual students as well as facilitating small study groups of students.
- Monitored student participation and progress to provide appropriate support based on observed learning needs.
- Observed student behavior for signs of distress, anxiety, and discomfort, and facilitated suitable interventions.

Summer Youth Employment Program (SYEP): STEM Kids NYC   **New York, NY**
Teacher's Aid   *July 2019 – August 2019*

Participated in STEM Kids NYC, an educational nonprofit program that aims to connect the current curriculum in schools and the urgent need for these institutions to prepare students (pre-K to 12) for future STEM opportunities.

- Supported licensed teachers by reinforcing instructions taught in the classroom to students.
- Reviewed lessons with teachers and students, answered questions, and graded student assignments.
- Assisted with planning and implementing daily activities, such as science experiments and field trips, while assuring that activities were operated in a safe manner at all times.