

## EDUCATION

<b>Suffolk County Community College</b>	<b>Selden, NY</b>	<b>September 2017 - September 2019</b>
<ul style="list-style-type: none"><li>• A.S. in Computer Science</li></ul>		
<b>Stony Brook University</b>	<b>Stony Brook, NY</b>	<b>January 2020 - August 2022</b>
<ul style="list-style-type: none"><li>• B.S.E. in Computer Science Engineering.</li></ul>		

## PROJECTS

- **College Navigator** (2019) Android App that retrieved third-party API colleges' data and stored it in a Firebase database for easy user access. Android Studio, Java, Firebase, JSON.
- **Stock Analyzer** (2020) Java Desktop App that enabled users to search through 20 years of daily Stock information and generated a graphical representation based on a selected date range.
- **Quizard** (2021) React App that enabled users to create and take quizzes on specific topics.

## SOFTWARE TOOLS AND LANGUAGES

- Java, Javelin, TypeScript, Angular, React, JavaScript, HTML, CSS, Git, Junit
- Visual Studio, PostgreSQL, Eclipse, Spring Tool Suit, Bootstrap

## PROFESSIONAL DEVELOPMENT / EMPLOYMENT

<b>Co-Founder &amp; Academic Chair</b>	<b>ColorStack</b>	<b>February 2020 - May 2022</b>
<ul style="list-style-type: none"><li>• Co-founded and launched ColorStack, a non-profit organization dedicated to empowering underrepresented minorities in the computing field.</li><li>• Collaborated with multiple organizations to organize and facilitate academic and professional driven workshop events, enhancing educational opportunities and promoting professional development.</li></ul>		

<b>Full Stack Java Developer</b>	<b>Revature</b>	<b>August 2022 - February 2023</b>
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### ***Expense Reimbursement System (Javelin API)***

- Designed and implemented an SQL schema to store employees, managers, and ticket data.
- Developed efficient queries to retrieve data from the SQL schema.
- Established a database connection with PostgreSQL and integrated it into ERS using JDBC.
- Created 31 back-end endpoints to facilitate client communication by utilizing HTTP Requests and develop a more robust and efficient back-end infrastructure.

### ***Banking System (Java Spring/Angular)***

- Served as tech lead on the architectural decisions and provided technical guidance to design and achieve an effective management process, including agile methodologies, CI/CD and TDD.
- Designed and implemented a PostgreSQL database schema with defined table definitions, optimizing data storage and retrieval for improved application performance.
- Implemented multiple backend endpoints to handle all HTTP requests using Spring Boot, including endpoints to add users, accounts, transactions, and handle user information updates.
- Developed a secure client session management using cookies and JWT with session expiration timeout.
- Designed Angular components for users to log in, register and access their banking information securely.
- Styled HTML pages using Bootstrap, CSS and added dynamic styles with DOM manipulation using TypeScript.

### ***Revature Social Media App (Java Spring/Angular)***

- Reduced time to render the home page by 50% by reducing the number of HTTP Requests to the back end.
- Incorporated a profanity filter system, ensuring seamless integration and effective operation.
- Utilized various testing tools and frameworks, such as Junit, Mockito to achieve a testing coverage of more than 75% and ensuring major usability throughout the application.
- Integrated the YouTube player API to retrieve video data and control playback creating a smooth experience across different screen sizes and devices.
- Increased data storage space by more than 100% by transferring from a H2 database to an Amazon Relational Database Service and outsourcing computer power to AWS.
- Utilized Jenkins to automate the management of building, testing, and deploying the application.