Calvin Thang

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EDUCATION

The City University of New York, CUNY – Queens College   **Spring 2018 – Winter 2021**
Bachelor of Arts in Computer Science   GPA 3.33
Relevant Coursework: Object-Oriented Programming in Java | Data Structures | Design & Analysis of Algorithms | Databases | Operating Systems | Cloud Computing

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TECHNICAL SKILLS

Languages: Java | JavaScript (ES6+) | C/C++
Front-End: HTML & CSS | React | Redux | Tailwind
Back-End: Node.js | Express | SQL (T-SQL, MySQL) | MongoDB | NoSQL
Miscellaneous: Git | AWS Certified Cloud Practitioner ([badge](#)) | DigitalOcean | Google Firebase

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SOFTWARE ENGINEER APPLICATIONS

Full Stack Engineer / UI Designer | YEETFLIX: Watch the latest movie & tv trailer
React.js, TMDB API, Stripe API, Google Firebase | tinyurl.com/yeetflix   **Spring 2022**
- Created reusable and customizable **React** function-based components to render dynamic rows of movie posters
- Deployed application utilizing platform *Google Firebase* with *Firestore Database*, a flexible and scalable NoSQL database that keeps data in sync
- Engineered real-time user authentication and payments using serverless framework *Cloud Functions* and *Stripe API*
- Used external *REST APIs* and executed API testing with *Postman* to create dynamic API calls

Full Stack Engineer | Amazoni: a modern eCommerce bookstore
IT Bookstore REST API V1.0, JSON, npm| tinyurl.com/amazoni   **Summer 2022**
- Built an Amazon e-commerce clone that sells classical Computer Science textbooks online
- Implemented filtered categories via *JavaScript* to create selections for specific type of the products
- Utilized User-Authenticated API routes via *Express* to restrict users from accessing private information
- Designed and developed the front-end UI with *React.js*; fetched JSON data from *IT Bookstore API* using library *react-axios* library

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EXPERIENCE

United States Census Bureau – New York, NY   **Sept 2021 - Present**
Field Representative
- Interviewed respondents to collect survey or census data as required for current, on-going surveys, one-time surveys, and special census
- Communicated and coordinated with respondents, supervisors, and other persons in a professional manner
- Studied the survey materials and the learning modules for better preparation in conducting door-to-door surveys
- Maintained personal payroll records that reflect number of hours worked, miles driven, and reimbursements for travel claimed
- Explained the purpose of the survey, asks questions as worded on the questionnaire or survey instrument, and enters accurate and complete information into a laptop computer or onto survey forms

Rosenthal Library – Flushing, NY   **August 2018 – March 2020**
Front-Desk Aide
- Assisted with front-desk operations of the library, providing tech support on an ad-hoc and as-needed basis and acting as the first contact for students and faculty regarding books and multimedia devices
- Diagnosed mobile device errors and implemented efficient technical solutions, contributing to a virus-free IT system at the library
- Maintained data integrity of thousands of records for the college utilizing the CUNY library system to warehouse the data