

Prince Addo

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EDUCATION

City University of New York, College of Staten Island,

Bachelor of Science in Computer Science, Minor in Mathematics

Current GPA: **3.6** | **Dean's List**, 2021-Present

Expected May 2024

Relevant Coursework:

Databases, Data Structures, Networking, Linear Algebra, Probability Theory, Operating Systems, Object Oriented Design, Image Processing

SKILLS

Programming: C/C++, Javascript, HTML, CSS, Svelte, Node.js, SCSS, Express, Reactjs, Typescript, Java, Python, Git, Bash, MySQL, MongoDB, PostgreSQL, Cassandra, Spring, React Native, Dart, Kotlin, Android Studio, Functional Programming, Keras, Tensorflow

Technologies: VS Code, Vim, NeoVim, GitHub, Unix, Linux, Emacs, Eclipse, Wireshark

PROFESSIONAL EXPERIENCE

Capital One Financial Corporation | New York, NY

Software Engineer Intern

Jun 2023 – Aug 2023

- Worked on a pod of 4 interns to develop an internal web application that manages more than 150 million customers.
- Built the UI design using Google Draw and coded the UI using Svelte and Javascript.
- Supported the backend, which was built using Node.js, CassandraDB, Snowflake, and AWS Lambda functions.

CUNY College of Staten Island | Staten Island, NY

College Assistant

Jul 2022 – May 2024

- Assisted professors in improving class engagement in math and computer science classes with 20+ students
- Engaged with 100+ students at the College of Staten Island in a tutoring environment.

TECHNICAL PROJECTS

Dipole | [Github](https://github.com)

Dec 2022

- Built a Turing complete programming language interpreter built using C++.
- Used low-level C APIs and system calls to speed up execution time.
- Built a custom recursive descent parser.

Consumet | consumet.org | [Library](https://library.consumet.org) | [GitHub](https://github.com)

Jun 2022 - Jun 2023

- Consumet is a search engine API that allows developers to query information on various entertainment mediums using Node.js, Typescript, and Fastify.
- Used Hugo, Reactjs, and Typescript to develop the Consumet API website.
- Developed a library hosted on npmjs.com called `@consumet/extensions` for scraping data from various websites.
- Received over 450 stars on GitHub with a growing community of over 100 discord members.

AnimeLazerV3 | [GitHub](https://github.com)

Aug 2021 – Dec 2021

- Built a full stack, cross-platform mobile app that allows users to watch any anime uninterrupted.
- Built the frontend using React Native with various libraries and built backend REST APIs using Node.js, Express, and cheerio for web scraping.
- Received 7 stars on GitHub.

Samizdat | [Github](https://github.com)

Feb 2022 – Jun 2022

- Built a full stack, android mobile app that allows users to search and download any book.
- Built the frontend using Android Studio and Kotlin and built backend REST APIs with Node.js, Typescript, and Express.

ASSOCIATIONS & INTERESTS

President of CSI Computer Science Club, July 2022 - Present

Verrazano Honors, May 2022 - Present

Writer, [The Banner](#), College of Staten Island student-run newspaper, Aug 2022 - Present

Interests: Reading, Running, Entrepreneurship, Internet, Operating Systems, Compilers, Software, Artificial Intelligence