

KELVIN CHENG

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EDUCATION

Stony Brook University, Honors College, Honors Program in Computer Science

May 2025

Bachelor of Science in Computer Science and Applied Mathematics and Statistics

Stony Brook, NY

- Cumulative GPA: 3.95/4.0
- Relevant coursework: Data Structures, Systems Fundamentals I/II, Introduction to Analysis of Algorithms, Fundamentals of Software Development I/II, Data Science, Data Analysis, Cloud Computing

RELEVANT WORK EXPERIENCE

Stony Brook Computer Science Drupal Migration, Stony Brook University

May 2024 - Present

- Familiarized with the Drupal CMS, assisting Stony Brook's CS department in migrations from Drupal 7 to 10
- Developed custom CSS to replicate and enhance the design of the old web pages to maintain brand consistency.

Division of Information and Technology, Stony Brook University

February 2022 - Present

Customer Engagement and Support

Stony Brook, NY

- Closely participated in the training of student employees, familiarizing them with procedures in the fields of work.
- Processed incoming calls from faculty and students, escalating their requests to the respective teams across campus.
- Configured university devices for distribution to faculty ensuring seamless transitions in workflow.
- Assisted with walk-in guidance, documenting tickets using the TD-Next Software.

Boulevard Learning Academy Website, ReactJS, CSS

January 2022-Present

- Designed and published a webpage with responsive UI for Boulevard Learning Academy using the React library.
- Maintained the website to accurately reflect current events of the school.

PROJECTS

Google Maps Clone, JavaScript, PostgreSQL, Nginx, Memcached

March 2024 – May 2024

- Designed and deployed a scaled-out fleet of servers on UpCloud to achieve a Quality of Service (QoS) target of 1600 requests per second at the 95th percentile for tile, routing, and address retrieval requests using Open Street Map data.

Anthropology Database, ReactJS, NodeJS, MySQL

June 2023-August 2023

- Collaborated on full stack development of a research database for the Stony Brook Anthropology Department, presenting the work as part of a Stony Brook Summer 2023 research symposium.
- Integrated NodeJS backend with React MUI components to create reactive components that dynamically update based on database entries and schema.
- Maintained communication with the project advisor and team members to synchronize individual contributions.

Type on Time, Java

September 2022

- Lead a 4-member team, creating a Piano Tiles-inspired game to improve touch typing for SBU Hacks 2022.
- Delegated tasks based on each member's backgrounds, enabling timely completion of the project and its features.

SKILLS AND INTERESTS

Technical: Java, HTML/CSS, JS, ReactJS, SQL, NodeJS, Python, C, MongoDB, Nginx, Linux terminal, GitHub/Git Bash

Languages: Chinese—Moderate Proficiency, French—Elementary Proficiency