

## KELVIN CHENG

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### EDUCATION

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**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: 3.96/4.0
- Relevant coursework: Data Structures and Programming Abstractions, Theory of Computation, Systems Fundamentals I, Introduction to Data Science, Analysis of Algorithms

**G.W. Hewlett High School**

**June 2021**

*Advanced Regents Diploma*

Hewlett, NY

- Cumulative GPA: 96.450/100, SAT: 1540/1600 (Math: 800/800)
- Relevant coursework: Independent Research, AP Calculus BC, AP Computer Science A, Multivariable Calculus

### PROJECTS

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**Anthropology Database**, ReactJS, NodeJS, MySQL

**June 2023 - Present**

- Collaborated on full stack development of a research database for the Stony Brook Anthropology Department
- Used React MUI to create an input form component whose fields dynamically update based on the database schema.
- Maintained effective communication with team members to synchronize individual contributions.

**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.

**Type on Time**, Java

**September 2022**

- Lead a team of 4 teammates to create 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.
- Utilized object-oriented programming principles, a robust game loop, and Java exception handling to develop a scalable codebase.

**Quick Maths**, Java

**October 2021-April 2022**

- Programmed an arithmetic practice app that generates random problem sets to improve mental math calculations.
- Developed an API for creating custom gradient buttons, inheriting properties from the Java Rectangle class, enhancing the user interface.

### EXPERIENCE

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**Division of Information and Technology**

**February 2022 - Present**

*Customer Engagement and Support*

Stony Brook University

- Configured university devices for distribution to faculty and disassembled devices designated for surplus.
- Assisted with walk-in guidance related to malware, Wi-Fi-connectivity, and Password resets, while documenting tickets using the Cherwell Management software
- Processed incoming phone calls from faculty and students, escalating their requests to departments across campus.
- Provided on-site support for university faculty, facilitating data transfers for seamless transitions in employee workflow.

### SKILLS AND INTERESTS

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**Technical:** Java, HTML/CSS, JavaScript, ReactJS, ExpressJS, SQL, Python, C, GitHub/Git Bash, Microsoft Suite

**Languages:** Chinese—Moderate Proficiency, French—Elementary Proficiency

**Interests:** Classical piano and violin, web/game development, skiing, Stony Brook Table Tennis Club