

## KELVIN CHENG

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### EDUCATION

**Stony Brook University**, Honors College, Computer Science Honors Program **Stony Brook, NY**  
*Bachelor of Science in Computer Science, Bachelor of Science in Applied Math and Statistics* *May 2025*

- Cumulative GPA: 3.95/4.0
- Relevant Coursework: Computer Science B: Honors Data Structures and Programming Abstractions, Theory of Computation, Systems Fundamentals I, Introduction to Data Science, Analysis of Algorithms: Honors

**G.W. Hewlett High School** **Hewlett, NY**  
*Advanced Regents Diploma* *June 2021*

- Cumulative GPA: 96.450/100, SAT: 1540/1600 (Math: 800/800)
- Relevant coursework: Independent Research, AP Calculus BC, AP Computer Science A, Multivariable Calculus,
- Honors: National Honor Society (2021), Certificate of Recognition for AP Computer Science (2020), Modern Music Masters (2018- 2021), Certificate of Recognition for Computer Programming (2018)

### PROJECT WORK

<https://github.com/kerwin145>

**Boulevard Learning Academy Website**, ReactJS, HTML, CSS *January 2022-Present*

- Used the React library to create and maintain a webpage with responsive UI for Boulevard Learning Academy

**Task Tracker**, JS, HTML, CSS *November 2022 – December 2022*

- Created a task tracker webpage capable of saving data with a fluid system for reordering and shuffling tasks. Used the React library to create and maintain a webpage with responsive UI for Boulevard Learning Academy

**Type on Time**, Java *September 2022*

- Lead a team of four to create an educational game to improve touch typing over the span of two days, introducing the basics of Java game development, as well as using VS Code's integrated source control to improve collaboration.
- Features include three waterfall game modes, customizable game speeds, and feedback on typing precision

**Quick Maths**, Java *October 2021-April 2022*

- Created an arithmetic practice app, generating random problem sets to improve mental math calculations
- Distributed application with the Hewlett High School Math Department for students to leverage as an educational resource
- Notable features: mix and matchable operations, question set timer, 16 three-tiered achievements, problem statistics

**University of Future -Past**, Renpy (Python) *March 2022*

- Collaborated with two colleagues in a one-week game jam hosted by the Stony Brook Game Development Club to produce a visual novel using the Renpy game engine, placing second out of three teams.
- Notable features: an interactive hero-like storyline with 8 possible endings and action-dependent dialogue.

### EXTRACURRICULAR ACTIVITIES

**Stony Brook Robotics Team** *September 2021-December 2021*

- Established serial communication between two Bluetooth modules with Arduino code
- Participated in team internal competition, ultimately selected as one of four teams to advance to the semi-final round

### WORK EXPERIENCE

**Division of Information and Technology** *February 2022-Present*

*Customer Engagement and Support*

- Configured university owned devices for distribution to faculty and students 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

**Boulevard Learning Academy** *July 2021-August 2021, July 2022-August 2022*

*Teacher's Assistant*

- Instructed and fortified math concepts for students of fourth to seventh grade twice weekly on supplemental coursework
- Coordinated with teacher weekly to familiarize curriculum and develop tailored student instruction methods

### SKILLS AND INTERESTS

**Technical:** Java with Eclipse IDE, HTML/CSS, JavaScript, ReactJS, C# with Unity, GitHub/Git Bash, Microsoft Suite

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

**Interests:** Classical piano and violin, web/game development, skiing, table tennis