

Kyle Cheung

(123) 456-7890 • kyc010@ucsd.edu • linkedin kylecheung • github kyle-cheung

EDUCATION

University of California, San Diego

Expected Graduation: June 2026

Computer Engineering, B.S.

GPA: 4.0/4.0

Mathematics, B.S.

* currently taking course

Relevant Coursework: Programming and Computational Problem-Solving* · Discrete Mathematics & Probability Theory · Linear Algebra

EXPERIENCE

Mills Serve the Community Club *Co-Founder*

August 2022 - May 2023

- Raised 3 figures through club food fundraisers to fund for future volunteering events
- Conducted multiple beach cleanups and raised awareness about the environment, informing people on the beach about the dangers of plastic pollution and its harm to ocean wildlife

Mills Investment Club *Co-Founder*

August 2022 - May 2023

- Taught 30+ students every 2 weeks about personal finance. Instilled general financial literacy skills for the future.

Mills High School *Tutor, Guided Studies*

August 2021 - May 2022

- Provided comprehensive tutoring throughout the academic year **180+ hours** to high school students for diverse subjects (English, Math, US History, Chemistry), demonstrating exceptional expertise in Mathematics (Algebra, Pre-Calculus, Calculus)
- Employed a meticulous, step-by-step problem-solving approach, guiding students through challenging concepts while articulating the underlying thought process effectively
- Conducted regular progress check-ins to ensure optimal learning outcomes and continued improvements of up to 1-2 letter grades.

Mills Robotics *Electronics Department Lead*

June 2021 - March 2022

- Taught weekly lectures encompassing electrical components, wiring, soldering, and computer-aided design (CAD) to members
- Curated and presented interactive lectures on electronic components and CAD to introduce STEM and robotics to 40+ Middle School students through the club's yearly Smart Program

Mills Interact Club *International Chairman*

August 2020 - May 2021

- Organized and led **100+** hours of volunteer events: beach cleanups (Pacific Beach Coalition), food drives, event setups (Japanese Culture Festival)

PROJECTS

Twitch Chat-Bot *Python · PyTorch · TensorFlow · JAX · Microsoft Azure*

February 2023 - March 2023

- Developed and trained a machine learning model that would read chat logs on Twitch and respond through text-to-speech

Text-Excel Clone *Java*

February 2022 - March 2022

- Created a 2d spreadsheet in Java terminal
- Functions: Clearing spreadsheet and cells, quitting, data insertion (string, int, double, percentage) in a specific cell, arithmetic operations, calculating sum and range in 2D space, and cell assignment.

TECHNICAL SKILLS

Languages: Python · JavaScript · Java · HTML/CSS

Web Frameworks: React

Developer Tools: L^AT_EX · Typst · Git · GitHub Actions

Other Technologies: NumPy · PyTorch · TensorFlow · JAX · Microsoft Azure · Microsoft Excel