# Ivan Yeung

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## Education

**De Anza College - Dean's List**  — Cupertino, CA
Computer Science for Transfers, GPA 3.91  — June 2020 - June 2023

## Experience, Projects & Professional Development

**Creator - DreamMate** — Independent, CA · Dec 2022 - Present
Built a robust social networking platform for creators featuring posts, profiles, messaging, and personalized feeds. Skillfully designed and coded 20,000 lines in 3 months. (JS, NextJS, Firebase, NodeJS, Stripe, and Algolia)

**Creator - Prodicity** — Independent, CA · Aug 2022 - Nov 2022
Developed an engaging live-streaming platform offering streaming, live chat, voting, announcements, event posts, and discoverability. Efficiently designed and coded 40,000 lines in 4 months. (JS, NextJS, Firebase, NodeJS, Stripe, Agora, and ChartJS)

**Cal Hacks - Mindful AI** — San Francisco, CA · Sep 2022
Collaborated with a team of 4 to create an AI service that identifies microaggressions in messages/texts. Integrated Cohere's NLP models to provide suggestions for messages/texts. (Python, JS, Keras, Cohere, and NextJS)

**Deep Learning Specialization** — Independent, CA · Feb 2023 - Mar 2023
Completed an intensive 5-month course on deep learning techniques and applications. Gained hands-on experience with DNNs, CNNs, RNNs, transformers, optimization, and regularization methods.

**Creator - Snake AI** — Independent, CA · Apr 2022
Trained a deep neural network using a genetic algorithm to play the game Snake autonomously. Implemented advanced techniques such as binary crossover, a specialized fitness function, and Gaussian mutation. (Python, PyTorch, Pygame)

**Co-Founder - Prodicity** — Independent, CA · Apr 2022 - July 2022
Developed a gamified productivity app, enhancing user motivation and engagement. Led a team of 10 in development and UI/UX. (JS, ReactJS, NodeJS, Express, MongoDB, Mongoose)

**Co-Founder - HexaHacks** — Nov 2019 - Mar 2020
Co-established a Cupertino-based hackathon for high school students, promoting innovation and collaboration. Successfully raised $2,000 in funds and hosted a virtual hackathon. (HTML5, CSS, JS)

## Additional

- Hackathons: TreeHacks (Stanford University), CalHacks (UC Berkeley)
- International: Fluent in English (native) and Chinese (C2 European reference), developing Russian understanding (A1 European reference)