Ivan Yeung

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Experience, Projects & Professional Development

Creator - DreamMate   Independent, CA
Built a robust social networking platform for creators featuring posts, profiles,   Dec 2022 - Present
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
Developed an engaging live-streaming platform offering streaming, live chat,   Aug 2022 - Nov 2022
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
Collaborated with a team of 4 to create an AI service that identifies microaggressions   Sep 2022
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
Completed an intensive 5-month course on deep learning techniques and   Feb 2023 - Mar 2023
applications provided by DeepLearning.AI on Coursera. Gained hands-on
experience with DNNs, CNNs, RNNs, transformers, optimization, and
regularization methods.

USACO Silver Division   Independent, CA
Attended my first USACO contest and successfully achieved Silver Division in the   Mar 2023
USACO 2023 US Open, utilizing strong problem-solving and programming skills.
(C++, Python3)

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

Co-Founder - Prodicity   Independent, CA
Developed a gamified productivity app, enhancing user motivation and   Apr 2022 - July 2022
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)

Education

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

Additional

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