

XING VOONG

415-218-8617 | xingvoong@gmail.com | xingvoong.com | [linkedin.com/in/xingvoong/](https://www.linkedin.com/in/xingvoong/) | github.com/xingvoong

Education

University of California, Berkeley

December-2019

- **B.A. in Data Science (emphasis in Computer Science)**
- Relevant courses: Data Structures and Algorithms, Efficient Algorithms, Machine Structures, Database, Machine Learning, Artificial Intelligence, Probability for Data Science.

Skills and Interests

Programming: Python, Java, SQL, CSS/HTML, Unix/Linux, Git.

Data Science: pandas, numpy, matplotlib.

Languages: English (fluent), Vietnamese (fluent), Mandarin (*proficient*), Cantonese (*proficient*).

Interests: writing, reading, traveling, working out, open sources.

Work Experience

Software Engineer Intern, Creatory, Vietnam/Korea

08/2020 – 11/2020

- Incorporated with a small team of selected Data Miner, Computer Scientist, top A.I./A.G.I. researchers from Korea to bring in-house A.I. research to commercial production.
- Engineered new features and strengthen current project: <https://priority.creatory.vn/>
- Implemented state of the art sentence embedding algorithms.
- Contributed to SQLAlchemy open source.
- Built A.I. team from 5 people to 10 people in 2 months.

Lab Assistant for Data Structures and Algorithms, UC Berkeley

08/2018 – 01/2019

- Tutored for a class with 1000+ students to create a solid foundation in Data Structures and Algorithms.
- Debugged CS61B projects, homeworks, and labs.
- Provided exam and code-writing mentoring during lab and office hours

Teaching Assistant, City College of San Francisco

01/2017 – 05/2017

- Organized and taught Programming Fundamental C++ for a class of 40 students
- Advocated in class tutoring to Computer Science students in C++ and Java.
- Accommodated and mentored individuals with different learning levels.

Projects:

Version Control System

Backend|Java

Developed a modern version control system inspired by Github.

Google Maps Directions Finder

Backend|Java

Implemented a version of Google Maps for the town of Berkeley, using A* search, NN search and k-d tree to find the shortest path.

Pacman

A.I.|Python

Built A.I. concepts, such as informed state-space search, probabilistic inference, and reinforcement learning through the game Pacman.

Restaurants Searcher

Backend|Python

Created a visualization of restaurant ratings using machine learning techniques such as k-means algorithm, simple least-squares linear regression, and the Yelp academic dataset.

Honors & Awards:

Initiator – Free City College Program | <https://www.ccsf.edu/paying-college/free-city>

08/2015 – 07/2017

- Initiated Free City, a program to make CCSF free for San Francisco citizens.

Student of the Year 2015-2016

12/2016

- Awarded student of the year at CCSF campus.