

XING VOONG

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About Me

Hello, I am Xing. I am a U.S. citizen who currently lives in San Francisco. I graduated from UC Berkeley with a degree in Data Science emphasis in Computer Science. I am passionate about Software Development and Data Science. I would love to build products that connect consumers.

Work Experience

Software Engineer Intern, Creatory, Vietnam/Korea, <https://priority.creatory.vn/> 2020

- Redesigning the dashboard of our web app that improves the speed of user navigation by 20%.
- Designed and developed a new feature that displays fan information and their relationship with influencers.
 - The feature makes the fan stay 30s longer and influencers gain more followers.
- Implemented internationalization for the web app. Increased foreign visitors by 30%.
- Implemented sentence embedding algorithms for sentiment analysis.

Lab Assistant for Data Structures and Algorithms, UC Berkeley 08/2018 – 01/2019

- Tutored 100+ students to create a solid foundation in Data Structures and Algorithms in Java.
- Debugged projects, homeworks, and labs for Computer Science students.

Teaching Assistant, City College of San Francisco 01/2017 – 05/2017

- Organized and taught Programming Fundamental C++ for a class of 40 students.

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.

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, Flask.

Data Science: pandas, numpy, matplotlib, scikit-learn.

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

Interests: writing, reading, traveling, open sources.

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.