

# Francis G. Chung

(415) 971-2898 | [francis.chung@gmail.com](mailto:francis.chung@gmail.com) | [Git](#) | [Linkedin](#) | [Webpage](#)

## Technical Skills:

**Languages:** React, Python, JavaScript, C#, SQL, HTML5, CSS.

**Frameworks:** ASP.NET, Bootstrap, Anaconda, Pandas, Coinbase Pro, Node.js.

**Databases:** MySQL, MongoDB. **Version Control Systems:** Git, Github

## Technical Projects:

**Stock Tracker and Predictor** | Developer | 1/25/22 | [Github](#)

- ◆ Application that executes multiple graphs of selected stock prices for a specific time.
- ◆ Connects to the Yfinance api to retrieve stock information.
- ◆ Utilizes Pandas and Mathplotlib and Streamlit to create front end.
- ◆ Technologies Used: Python, API, Pandas, Mathplotlib, Streamlit

Through the Yfinance API feed, the app creates graphs of historical raw data and a chart of the price from one to five years ago. The app also uses fbprophet to make future predictions of what the stock will do in the future years and in the next week.

**Dog Placement App** | Developer | 11/25/21 | [Github](#)

- ◆ Application that allows dog owners to pin dogs in the neighborhood.
- ◆ Merges to Google Maps API geolocation and map markers in order for owners to map.
- ◆ Utilizes front end actions with Datefns to record where and when a sighting is made.
- ◆ Technologies used: React, Node, Google Maps API, Datefns

Map allows you to drop pins whenever you see another dog. Each pin records the lat and longitude of the dog and the time sighted. This links to another page where the app user can record the dog seen and list their own dog.

**Video Chat App** | Developer | 02/13/2022 | [Github](#)

- ◆ Talk with others real time in the web browser operating the camera and the microphone.
- ◆ Uses WebRTC api for realtime video and chat in React.js.
- ◆ Utilizes a simple interface to connect Peer.js combined with Socket.io.
- ◆ Technologies used: Peer.js, Material-ui, Node.js server, Socket.io

This app shows input and output video. A user can open up the page and generate a user code. This code can be shared to create a receiving window from the socket.io stream. User can then place a call, answer a call and end a call.

## Work Experience:

**Jeweler** | Tiffany and Co. and Blue Nile From 2018 to 2021 | Setting stones into engagement rings

**Art Handler** | Cranbrook Museum From 2016 to 2018 | Installing and uninstalling art in a 10,000 sq ft area

**High School Teacher** | From 2008 to 2016 | Taught special education and biology to high school students.

## Education:

**Coding Dojo, Software Engineering Grad November 2021**

Cranbrook Academy of Art, MFA Sculpture Grad 2018

San Francisco State University. Education Credential: Special Education

University of California, at Davis. Major English