

# George Hsin

Software Engineer

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## Experience

### Second Opinion Health

Software Engineer - iOS

Mountain View, CA

Jul 2017 - Present

- Main iOS developer on the app, **Migraine Alert** | [Link-to](#) | - App uses machine learning algorithms to create personalized Migraine forecasts based on uncontrollable user's triggers, such as weather. Previously featured in the app store and #2 in paid medical app top charts.
- Managed and developed features in Swift through entire development life cycle - plan/design/implement/test/release/maintain, including git integration of release and development branches
- Worked with iOS tools: CocoaPods, iOS Charts library, Mockplus app prototyping
- Automated iOS push notifications by creating a filterable user database in Angular.js and Node.js
- Worked with Python OOP for backend data processing, including statistical weather predictions
- Utilized Parse server for data management and worked with Parse API and Dark Sky weather API

### Upstart Network

Credit Analyst

Palo Alto, CA

Oct 2015 to Sep 2016

- Approved/denied 25+ loan applications a day by analyzing financial tax documents and credit report data to assess borrower risk
- Established and maintained customer relationships by providing excellent customer support experience through Salesforce client management, chat, and phone

## Projects

### LunchTime

| Github

iOS social media application to create LunchTime/Hangout events with friends.

- Built a social network with Google Firebase user authentication and Firestore real-time NoSQL db
- Leveraged Yelp and Google Maps API for in app yelp-like functionality to select restaurant
- Integrated SDWebImage to cache images and improve tableView scroll performance
- Implemented MVVM architectural pattern and utilized Grand Central Dispatch for multithreading
- Created majority of UI programmatically in combination with Xibs and Storyboard for reusability and manageability
- Additionally developed LunchTime Web App in JavaScript with React/Flux

**Technologies:** *Swift, CocoaPods, Firebase, Yelp-Fusion, Google Maps, JavaScript, React/Flux*

### Blog

Project Link | Github

Created a personal blog site.

- Used Angular.js directives to create Admin only functionality to create, update, and delete blog posts
- Complete with user login/registration and custom validations allowing users to comment on posts
- Implemented NoSQL MongoDB to handle data storage and Node.js/Express.js for the HTTP server

**Technologies:** *JavaScript, MongoDB, Express.js, Angular.js, Node.js*

## Education

### UCLA

B.A. Economics  
2015

## Skills

### LANGUAGES

Swift

Python

JavaScript

### SERVER

Node.js/Express.js

REST API

### CLIENT

iOS

React/Flux

Angular.js

### DATABASE

Parse Server

Firebase

MongoDB

MySQL

### OTHER TECH

Git

Xcode

Amazon Web Services