JERRY HUANG

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EDUCATION

The University of Texas at Austin   BS in Computer Science   Class of 2021
- Coursework: **Data Structures**, Discrete Math, Multivariable Calc, Computer Architecture and Org, Probability

Palo Alto High School   3.93 GPA   Class of 2017

SKILLS

- Java/Python *[Expert]*
- HTML/CSS/JavaScript *[Proficient]*
- Swift *[Proficient]*
- Ruby *[Proficient]*
- C *[Proficient]*
- MySQL *[Proficient]*

EXPERIENCE

Software Engineer Intern / *Aplomb Inc; Austin, TX*   Fall 2017
- Collaborated with engineering team to develop and debug a interview prep app
- Developed in **Swift** to improve iOS App UI and user-to-bot chat flow
- Rewrote API backend in **Ruby** and integrated interview functionality using IBM Watson's Speech-to-Text API

Research Intern / *Palo Alto High School; Palo Alto, CA*   Fall 2016 - Spring 2017
- Worked under Prof. Steve Mann to research and develop a simple neural network in **Python**
- Researched linear separability, decision boundaries, forward/back propagation, and perceptron learning

Software Developer Intern / *Kiwi Inc; Palo Alto, CA*   Summer 2016
- Developed **4 chat bots** for FB Messenger, Kik, and Telegram
- Integrated Yummly, Instagram, and Vine's API's and parsed JSON response using **JS**
- Coordinated with engineering team and prototyped an AI personality chat bot

Tech Lead & Board Member / *getinvolvedpa.com; Palo Alto, CA*   Fall 2016 - Spring 2017
- An organization to provide internship and volunteer service opportunities for local high school students
- Coordinated all tech meetings and helped build company website
- **400+ students** have accumulated **27,000+ hours** of community service
- Organized 2016 Summer Internship Academy, partnering students with Stanford Professors for research internships

PROJECTS

Hangtime / *Founder; hangtime.io*   Spring 2018 - Present
- iOS app displays crowdsourced events on a social map and lets users join event specific group chats
- Developed UI frontend and integrated Firebase database backend in **Swift**
- Implemented new group chat feature using Firebase to store messages
- Integrated MapBox API and various CocoaPod dependencies
- **1st for Best Cisco Hack** at HackUTD

flyAmerican.today / *TAMUHack*   Spring 2018
- Collaborated with team to develop a website for American Airlines that redefines the pre-boarding experience
- Specialized in backend: integrated AA's Mock Engine API and MongoDB for backend using **JavaScript**
- **3rd for Best American Airlines Hack** at TAMUHack

1Trackr / *iOS App*   Fall 2015
- Launched iOS application designed for high school students to log their community service hours in the Cloud
- Integrated Parse database frameworks using **Swift** to store user data in Cloud
- Gained **500+ student users** at Bay Area highschools, received a Special Congressional Award from **U.S. Congress**

AWARDS

1st Place – Best Cisco Hack at HackUTD   2018
3rd Place – Best American Airlines Hack at TAMUHack   2018
Invited to Piazza's 2018 Winter Tech Tour (10 students selected out of 10,000+ applicants)   2018
Special Congressional Award from U.S. Congress for 1Trackr   2016
President's Volunteer Service Award, Gold Level   2016
1st Place in Chinese-American Youth Service Leadership Award   2016