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 Arch and Org, Probability I

Palo Alto Senior High School   3.93 GPA   Class of 2017

SKILLS

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

EXPERIENCE

Software Engineer Intern / *Aplomb Inc;* Austin, TX   Nov. 2017 – Dec. 2017
- Worked closely with engineering team to plan and develop AI interview app
- Modified existing **Swift** code to improve UI and user-to-bot chat flow
- Rewrote API backend in **Ruby** and integrated IBM Watson's Speech-to-Text API

Research Intern / *Artificial Neural Networks*   Sep. 2016 - May 2017
- Worked under Prof. Steve Mann to develop Athena, a simple neural network in **Python**
- Researched linear separability, decision boundaries, forward/back propagation, and perceptron learning
- Presented project at end of year research expo

Software Developer Intern / *Kiwi Inc;* Palo Alto, CA   June 2016 – Aug. 2016
- Developed 6 live chat bots for FB Messenger, Kik, and Telegram
- Integrated several API's and parsed JSON's to improve accuracy of responses
- Coordinated with engineer team and prototyped an artificially intelligent personality chat bot

Tech Lead & Board Member/ *Get Involved Foundation*; Palo Alto, CA   Jan. 2016 - May 2017
- An organization to provide internship and volunteer service opportunities for local high school students
- Helped build the website that displays service opportunities and allows students to sign up
- Have provided **400+ students** accumulate **27,000+ hours** of community service
- Organized Summer Internship Academy, partnering students with Stanford Professors for research internships

PROJECTS

flyAmerican.today / *TAMUHack*   Jan. 2018
- Website that provides a smooth and seamless pre-boarding experience for American Airlines customers
- Integrated AA's Mock Engine API and developed backend using **JavaScript**

Optasia / *HackTX*   Oct. 2017
- Built a multi-platform AR application that renders virtual furniture/objects into 3D spaces
- Developed frontend in **Unity 3D**, used **JavaScript** and **Vuforia** for AR functionalities

1Trackr / *iOS App*   Nov. 2015 - Present
- Released iOS application designed for high school students to log their community service hours in the Cloud
- Integrated Parse backend database frameworks using **Swift**
- Used by **500+ students** at local Bay Area high schools, received a Special Congressional Award from **U.S. Congress**

ACTIVITIES

Tech Analyst / *CS & Business Development Or*g   Oct. 2017 - Present
- Developed a customer personalized JCPenny flash sales website using **HTML** and **JavaScript**
- Conducting market research and developed a business roadmap for product

AWARDS

3rd Place – **Best American Airlines** Hack at TAMUHack   2018
Invited to Piazza's 2018 Winter Tech Tour (10 students selected out of 100,000+ 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