

ETHAN HOUSTON

ethan.houston@utexas.edu | linkedin.com/in/ethanhouston | github.com/ethanzh | ethanhouston.com
Palo Alto, CA | 650-804-1750

EDUCATION

The University of Texas at Austin , Austin, Texas	May 2022
<i>Bachelor of Science in Computer Science</i> Pursuing a minor in entrepreneurship	
Henry M. Gunn High School , Palo Alto, California	May 2018
International School of Beijing , Shunyi, Beijing, China	June 2017

EXPERIENCE

Watshout , San Francisco, CA	March 2018 - Present
<i>Software Engineering Manager, Co-Founder</i> <ul style="list-style-type: none">Developed minimum viable product for Android and web apps before recruiting and supervising a team of nine software developers to increase feature setCreated and managed Google Cloud infrastructure running a Python (Flask) back-end, closely integrated with FirebaseForged connections with Google's Cloud and Map teams, had weekly meetings to ensure cloud strategy was on trackFacilitated communication between developers and designers in order to quickly and efficiently implement new designs	
Stanford Bioengineering Department , Stanford, CA	January 2018 - March 2018
<i>Machine Learning Assistant</i> <ul style="list-style-type: none">Used game film, mouthguard-sensor data, and TensorFlow in Python to analyze traumatic head impacts in Stanford football playersCreated visualizations of head-impact location based on player position	

TECHNICAL SKILLS

- Strong understanding of **Java** (emphasis on **Android**)
- Experienced in managing cloud infrastructure (primarily **Google Cloud Platform**), utilizing **Google APIs** (particularly Maps), and using **Firebase**
- Extensive knowledge of **Python** with particular regard to **RESTful APIs** and **machine learning**
- Exposure to **Scheme/Lisp** through coursework
- Cursory knowledge of **front-end** web development

RELEVANT COURSEWORK

Stanford ICME workshops in Deep Learning, and Natural Language Processing, and Statistics; Longhorn Startup

PROJECTS

Static Site Generator

- Generate web pages from Markdown using **Python**
- Blog post categorization using Google **Natural Language Processing** APIs
- Used to create personal site *ethanhouston.com*.

Jiaohuan 交换

- An app to exchange business cards directed at the Chinese market
- Created **Android** app in **Java** and implemented a 'bump' feature to connect users
- Used **Amazon Web Services** to host a **Python (Django)** back-end

SKILLS

Languages

English, Mandarin Chinese, Norwegian Bokmål