KEVIN ZHANG

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EXPERIENCE

Founding Software Engineer   Charles Schwab @ Austin, TX | May 2021 - Present
- Currently leading the UI development for intelligent chat container used by retail traders (5K+ chat volumes/day)
- Architected and developed StencilJS web components/services to interact with ChatBot API (Google Dialogflow)
- Mentored new employees and facilitated engineering paradigms: TDD, JSDoc, GitFlow, Integration testing

Associate Software Engineer   Charles Schwab @ Austin, TX | Sep 2019 - Apr 2021
- Modernized retail front end and API services to Angular/C# microservice architecture from monolithic ASP.NET Core
- Developed automation scripts to categorize 50K+ asset IDs inside monolith codebase for migration into Drupal CMS
- Led "Learning Thursdays" for wider team (250+ employees) over diverse topics: UI/UX, best practices, side projects

Software Engineer Intern   Charles Schwab @ Austin, TX | June 2018 - Aug 2018
Fullstack enhancements for Angular based active trader application for key stakeholders and 7000 users
- Built production monitoring dashboards handling 100s of queries/second of live trading data via Splunk and D3.js
- Demoed working prototypes of Gen-Z investing products to the CTO and the CDO, awarded *Internship Honors*

Data Science Intern   Smarter Sorting @ Austin, TX | Nov 2017 - June 2018
$31.6M funded startup using machine learning to circulate household hazardous waste into reusable products
- Performed ETL on product data in order to analyze for statistical patterns, explore novel classifications, and identify precise cutoffs; enhanced hazardous waste classification of 200k products from 78% to 93% accuracy
- Wrote web scrapers to catalogue over 50k+ product pages from 7 major retailers using Scrapy, Python, Lua

PROJECTS

UX Researcher   Simublade @ Austin, TX | Oct 2020 - Dec 2020
Website redesign for mid-sized trading firm affecting 135+ employees
- Wrote development specs centralizing 15+ employee tools to improve click through rate and accessibility options

Project Manager   Tandem Design Studios @ UT Austin | Aug 2018 - Aug 2019
- Led 4 teams in semester-long client projects: fashion technology machine learning startup, social media ad management SaaS startup, women's clinic outreach campaign, coffeehouse music festival campaign

FlySafe   *HackTX 2018*, *HackWars IV* | 2018 - 2019
- Two-sided Swift app for unaccompanied minors to send updates to parents/guardians when flying alone at airports using geo-location, path mapping, and QR code readers. Awarded prizes from American Airlines and Apple.

LANGUAGES AND TECHNOLOGIES
- **Languages/Frameworks:** Python, React, Next.js, Angular, StencilJS, Typescript/Javascript, C# .NET, Swift
- **Tools:** Splunk, Git, Firebase, MySQL, MongoDB, Node.JS, Kibana, ElasticSearch

EDUCATION
The University of Texas at Austin   Aug 2015 - May 2019
BBA in Management Information Systems + Minor in **Computer Science**, GPA 4.0/4.0
Coursework: Data Structures, Algorithms, Web Development, Mobile App Development, Cloud Computing

ADDITIONAL INFORMATION
- Outside/Rightside Hitter in UT Collegiate Mens' Club Volleyball, balanced course load with competition schedule
- Missionary/English teacher at the **Bo Ai School**, a subsidized charter school for remote rural villagers of Shanxi, China
- Fluent in English and Chinese (Mandarin), Working knowledge of Spanish, Learning French on Duolingo