"CHARRY" ZICHAO WU

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SUMMARY OF QUALIFICATIONS

- Frontend engineer with experience in both React and Vue.js framework, and Python Django framework.
- Work experience includes early-stage SaaS startups and established companies in digital ad industry.
- Helped build most of an e-learning platform frontend in React and Django for a startup.
  - ➤ **Programming Languages:** Python, JavaScript/Typescript, Java
  - ➤ **Frameworks/Libraries:** React/Redux, Vue.js, Django/Flask, Node.js, Docker, Git

PROFESSIONAL EXPERIENCE

ByteDance – Mountain View, CA   Mar. 2021 - Nov. 2022
Frontend Engineer, TikTok Ads (tiktok.com/business)
- Built web frontend features on ad delivery platform (attracting ad revenue from small/medium businesses):
  - Overhauled advertiser payment checkout process, resulting +5% increase on $12M weekly ad revenue basis
  - Launched new ad delivery objectives on mobile site, which witnessed $3k/w ad spending in SEA countries
- Enhanced frontend site stability by setting up GitLab FE unit test pipeline and fixing bugs reported by QA/PM.
- Drafted team's documentation of major frontend projects, which helped new engineers onboard smoothly.

Educational Vision Technologies – San Diego, CA   Nov. 2020 - Feb. 2021
Web Developer, Founding Engineer
- Helped build most parts of EVT's e-learning platform in React and Django, used by 10+ courses in UCSD/SDSU/USD.
- Established DevOps pipeline using scripts that automate build and deploy process, with GitLab integration.
- Customized Django's admin panel to make it more suitable for business needs (profile lookup, custom widgets).

The Trade Desk – Irvine, CA   Apr. 2020 - Nov. 2020
Software Engineer
- Supported full agile development cycle, from new feature RFC process to manual testing to post-release hotfixes.
- Contributed to sprints to build the next version user interface (UI) of the company's SaaS demand-side ad platform that serves 800+ global advertising agencies.
- Worked with the User Experience (UX) Team to design and implement tables/charts that display ad campaign data.
- Refactored backend logic code to change functionality of existing UI components, tested in sandbox environment.

Whova – San Diego, CA   Apr. 2019 - Sept. 2019
Software Engineer Intern
- Worked with web team on Whova's event management platform used by organizers of 2,500+ events annually.
- Promoted from part-time (Apr.-June) to full-time (June-Sept.) status for excellent performance.
- Implemented the front-end in two versions for A/B testing and back-end in Django and MySQL.
- Revamped an internal email auto-sending service that distributes email campaigns to 2,200 addresses daily, and utilized bot sender on multiple machines for further automation & bypassing Gmail's anti-bot policy.

EDUCATION

Master of Science (MS), Computer Science; expected Mar. 2024, Santa Clara University (San Jose, CA)
Bachelor of Science (BS), Computer Science; earned Mar. 2020, University of California, San Diego (San Diego, CA)
- Studied Networked Services, Web Client Languages, Modeling & Data Analysis and Advanced Data Structures
- Excelled while working on a Dropbox-like distributed file storage service project.
  - Built cloud-based storage service that decoupled file metadata from file content for fast CRUD operations.
  - Implemented multi-client concurrent updates and measured download performance on 4 EC2 instances across the globe.