CHARRY WU

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SUMMARY OF QUALIFICATIONS

- Frontend engineer with experience in both React and Vue.js framework.
- Work experience includes early-stage startup and established companies attracting $20M/w ad revenue
- Helped build most of an e-learning platform in React and Django for a startup; platform used today by major college.
    - Ø **Programming Languages:** Python, JavaScript/Typescript, Java
    - Ø **Frameworks/Libraries:** React/Redux, VueJS, Django/Flask, Node.js/Express

PROFESSIONAL EXPERIENCE

ByteDance – Mountain View, CA   Mar. 2021 - Present
Frontend Engineer, TikTok Ads
- Built web frontend features of multiple projects aimed to improve ad revenue for small advertisers (selected):
    - Revamped user checkout payment UI, resulting +5% increase on $12M weekly ad revenue basis
    - Launched new ad delivery objective on mobile website that witness $3k/w ad spending in SEA countries
- Improved ad platform's frontend stability by fixing known bugs during iterations and setting up FE unit test pipeline
- Contributed to early team documentation on frontend projects that helped newcomers to smoothly onboard

Educational Vision Technologies – San Diego, CA   Nov. 2020 - Feb. 2021
Web Developer
- Helped build most front end of the e-learning platform in React and Django for this start-up company.
- Successfully contributed to building user-facing features now used in 20 e-learning courses at UCSD.
- Manually tested browser compatibility (IE, Safari, Firefox) on cloud testing platform to ensure coverage.

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.

University of California, San Diego (UCSD) – San Diego, CA   Sept. 2016 - Mar. 2020
Full-Time Computer Science Student
- Excelled while working on a Dropbox-like distributed file storage service project.
    - o Built cloud-based storage service that decoupled file metadata from file content for fast CRUD operations.
    - o Implemented multi-client concurrent updates and measured download performance on 4 EC2 instances across the globe.
- Led a data analysis team that was chosen as top five out of 30+ student groups for analyzing datasets to determine if motor vehicle traffic tickets were related to congestion.

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+ annual events.
- 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

Bachelor of Science (BS), Computer Science; earned Mar. 2020, University of California, San Diego
- Studied Networked Services, Web Client Languages, Modeling & Data Analysis and Advanced Data Structures