

KAITLYN WANG

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EDUCATION

Washington University in St. Louis | St. Louis, MO

August 2021 – May 2025

Bachelor of Science in Computer Science & Business, Minor: Human-Computer Interaction

Cumulative GPA: 3.76/4.00

Coursework : Data Structures & Algorithms, Rapid Prototype Development and Creative Programming, Accounting, Object-Oriented Software Development, Capital Markets & Financial Management, Microeconomics, Data Science, Software Engineering Workshop

EXPERIENCE

Coinbase- ML Platform Team | Mountain View, CA

May 2024 – August 2024

Software Engineer Intern

- Developed & deployed a Python package, performing 12+ data checks on Tecton feature views with PySpark, Pandas, SQL, ensuring feature quality
- Automated weekly & daily jobs that runs package with Airflow DAGs, projecting to save 300+ eng hours and \$30K in infra costs annually by preventing faulty feature views from reaching production
- Identified a bug by Tecton falsely charging for failed jobs, resulting in \$2000+ refund for Coinbase
- Emitted 9 Tecton usage metrics to Datadog and Delta Lake table to create charts in Superset dashboard with SQL
- Executed automated continuous integration (CI) with GitHub Actions to run unit tests that mock calls to Tecton API, reducing manual effort by 20+ hours monthly
- Created & deployed a feature view that tracks asset views by user using Python, Databricks, and Tecton

BDO- Digital Advisory Team | Singapore

March 2024 – May 2024

Digital Consultant Intern

- Conducted 20+ client and vendor meetings to ensure alignment and progress on digital transformation projects
- Spearheaded development of Excel tools for data analysis and designed 30+ graphs & charts for client presentations
- Administered API integration for 40+ fields and provided feedback on documentation guides and workflows

Washington University in St. Louis | St. Louis, MO

January 2023 – December 2023

Intro to Data Science Teaching Assistant

- Facilitated 2 weekly studio groups to reinforce/explain lecture concepts & foster an inclusive environment
- Guided 15+ students by debugging errors dealing with Python, NumPy, Pandas and answering questions
- Graded assignments for 150+ students & provided feedback to help students improve understanding

Northrop Grumman | San Diego, CA

May 2023 – July 2023

Software Engineer Intern

- Implemented & delivered 4+ enhancements/features/bug fixes to modernize a Node.js-based software
- Developed license tool for the product with VITE React+Typescript+Redux for frontend and Go+SQL for backend with REST API & Ensured web security with JWT + HTTPS and form validation with regex, achieving 20% decrease in processing time
- Engaged in daily AGILE scrum meetings and biweekly sprint meetings to Plan, Demo, and Validate features
- Leveraged GIT + Bitbucket to maintain proper version control & Managed + Described 5+ tasks in Jira
- Mentored new high school intern and assist with set up & tasking, resulting in successful onboarding

Enhearten | Remote

June 2022 – September 2022

Full-Stack Software Engineer Intern

- Constructed 600+ lines of code empathy-building tool with React and Firebase where users can submit a story, generating 2 links: a personal submission page & a page to send for people to read & reply to the story
- Conceived & executed 10+ improvements/features/designs to manage high standards of UI/UX & web security with reCAPTCHA
- Formatted code, converted Javascript to Typescript, & debugged 100+ Javascript/CSS/Typescript errors

Wang Medical | Las Vegas, NV

April 2020 – May 2022

Web Developer & Medical Assistant

- Created, designed, & supervised website and business logo viewed by 200+ patients strengthening online presence
- Gathered & analyzed feedback from 20+ patients to optimize website usability
- Assisted with charting, renewing patient prescriptions, ordering lab tests, & reading lab results for 300+ patients

SKILLS

Python, Java, HTML/CSS, Javascript, React, Next.JS, Firebase, PHP, SQL, Git, Typescript, AWS, C++, R, Go, Airflow, PySpark, Pandas

PROJECTS

TutorMatch | Next.JS, Firebase, Typescript, Vercel

- Enabled students to access immediate tutor help with features such as account creation, tutor filtering, profile creation, question board, chat room, viewing tutor profiles, leaving ratings and reviews, viewing Zoom links
- Implemented a tutor request system with qualification checks and approval process