SHAWN FONG

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SKILLS

Technical Skills: Java, Typescript, Nodejs, SQL, AWS, mongoDB, React, Python, Expressjs

EDUCATION

Washington University in St. Louis, Mckelvey School of Engineering | St. Louis, MO   **May 2025**
Bachelor of Science in Computer Science and Business
Major: Computer Science and Business | Concentration: Data Analytics
- GPA: 3.70/4.00

PROJECTS

CSE 437: FitnessPal | St. Louis, Mo   **August 2023 – Present**
- React-Native, MongoDB, and Typescript. Engineered a outdoor fitness mobile app where coaches can post events in parks and public spaces. Users will then sign up so they'll be able participate in those events. Integrations include google maps and nodemailer

Washu Hackathon : Travel Freely | St. Louis, MO   **October 2023 – October 2023**
- Typescript and Vue. Integrated google and chatgpt to create an itinerary planner where a user would input desired location, date, interests, and number going to receive locations and reviews as well as a map of where potential tourist spots are

Personal Project: Tinder for Pets | St. Louis, MO
- React, Express.js, and Mongoose/MongoDB. Developed a tinder website for pets from scratch incorporating various functionalities such as login, logout, uploading, deleting, swiping left, matching, and blocking

WORK EXPERIENCE

Washington University In St. Louis | St. Louis, MO   **August 2023 – Present**
Rapid Prototype and Development Teaching Assistant
- Hosted office hours to debug student's coding issues ranging from syntax to environment configurations. Achieved around 80% success rate of going through students code and finding core issues as well as fixing overall structure and design of students projects

EDUrain | Remote   **May 2023 – August 2023**
Full-Stack Developer
- Spearheaded integrating Stripe's payment system into EDUrain's website. Conceptualized/designed complete integration, collaborated with 5 other developers by giving varying smaller projects depending on skill level
- Cooperated with 10-12 software engineer interns to change frontend UI for a major redesign of company website

University of South Carolina | Remote   **June 2023 – July 2023**
Researcher
- Collaborated with two others in modelling traffic flow through LWR and ARZ models leveraging different variables on Matlab. Applied both Nonlocal and local factors, testing for breaks in algorithm and models as well as reworking code to determine more accuracy of predicted model results
- Designed weekly reports encompassing of all mathematics involved and results. Presented a final presentation to 25+ professors and students regarding results. Wrote a research paper in Latex about findings as well as future potential investigations

ACTIVITIES

Alpha Delta Phi Fraternity | St. Louis, MO   **August 2022 – Present**
Diversity & Inclusion Chair
- Instituted several presentations to inform 60+ members a deeper understanding of implicit biases and various minorities groups within colleges specifically. Promoted inclusion and diversity through sharing personal experiences as well as using actual experiences to teach members importance of being inclusive