

Yixin Zhao (Fiona)

[Portfolio](#) | yixin.fiona.zhao@gmail.com | <https://www.linkedin.com/in/yixin-zhao-> | [GitHub](#)

OBJECTIVE

Creative and passionate software developer with a strong foundation in programming, software engineering, and artificial intelligence. Experienced in full-stack development and team-based projects, with a focus on building practical, creative solutions. Excited to contribute my skills to a full-time role where I can grow, apply AI technologies, and help drive innovative ideas forward.

EDUCATION

University of Central Florida Aug. 2022 – Dec. 2024
Bachelor of Science in Computer Science Orlando, FL

Palm Beach State College May. 2021 – Aug. 2022
Associate Degree of Science in Computer Science Lake Worth, FL

SKILL

- **Programming languages:** Java, Python, C/C++, Swift, HTML, CSS, JavaScript(TypeScript, React.js), SQL, Haskell
- **Tools:** AWS, Blender, Unity, MySQL, Google Colab, Procreate, Visual Studio Code, Xcode
- **Frameworks:** NumPy, PyTorch, Keras, TensorFlow, OpenCV
- **Coursework:** Algorithm, Systems Programming, Data Science, Computer Architecture, Object-Oriented Programming, Software Engineering(Web app development), Deep Learning, CNN, RNN, LLM, SLAM, Robot Vision

EXPERIENCE

Suicide Prevention App (React Native, Android Studio, Figma) Jan. 2024 – Dec. 2024
Frontend Developer | Capstone Project

- Implemented a user-friendly front-end using React Native, creating responsive and interactive UI components.
- Collaborated with senior design team to integrate back-end services, ensuring smooth functionality and user experience.
- Finalist in UCF's Engineering and Computer Science Design Showcase.

Lecturing Robot (VEX V5/C++) Jun. 2024 – Aug. 2024
BattleBot Instructor | Stanford - iD Tech Camp

- Taught over 80 students on the mechanics and engineering principles behind BattleBot construction.
- Provided guidance in designing, assembling, and programming robots using C++, ensuring a comprehensive grasp of both hardware and software integration.
- Facilitated team management and collaboration, encouraging effective communication and strategic problem-solving among student teams.

PROJECT

AI-Enhanced Personal Portfolio Website (JavaScript, React, Three.js, Python, FastAPI, OpenAI API, EmailJS)
Fullstack Developer | Personal Project | <https://mustacheeee.github.io/Portfolio>

- Developed a personal portfolio website with a Python-based backend using FastAPI and a React frontend to showcase projects and skills.
- Built a RESTful API that connects a custom-trained OpenAI chatbot, powered by personal JSON data, to answer user questions dynamically.
- Integrated a contact form using EmailJS to allow direct communication through the website without backend email handling.
- Designed an engaging user interface featuring 3D elements using Three.js, creating an interactive and modern browsing experience.