

Zhihui Xu

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EDUCATION

- California State University-Fullerton - Bachelor of Science in Computer Science Aug. 2021 – Aug 2023
- Fullerton College - Associate Degree in Computer Science Aug. 2016 – May 2021

RELATED COURSE

Associate: • *Object-Oriented Programming* • *Java Programming* • *Assembly Language* • *Data Structures*
• *Mathematical Structures* • *Algorithm Engineering* • *Cybersecurity Foundations and Principles*
Bachelor: • *Artificial Intelligence* • *Database and Applications* • *Web Back-end engineering* • *Blockchain Technology*
• *Algorithm Engineering* • *Introduction to Machine Learning* • *File-Structure&Database*

CERTIFICATIONS

- Google Technical Support Fundamentals Oct 30, 2023
- Google Data Analytics Professional Certificate Oct 27, 2023

WORK EXPERIENCE

- Software Developer** (Edgelink Services LLC). May 2023 – Present
- Developed StockItupcs.com, a stock market analysis platform, utilizing Django, Python, TensorFlow, scikit-learn, and Plotly for machine learning-based forecasting and interactive data visualization.
 - Designed front-end, some of the webpages are using Bootstrap and Tailwindcss, I also implemented Stripe for payments, and established user authentication, messaging, and verification functionalities.
 - Deployed the application on Azure using Docker, managing data with SQLite DB, and now is working on transitioning to PostgreSQL for enhanced database management.
- Quality Assurance Analyst** (Shanghai Jiadao Information Technology). June 2021 – Nov 2021
- Utilizing Selenium for automated testing and Excel for result tracking and analysis.
 - Identified, meticulously documented, and effectively presented errors and inconsistencies found during detailed testing phases, substantially enhancing product quality and user experience.
 - Collaborated with the development team to ensure fixes and improvement.

PROJECTS

- MedProLink - [Doctor Appointment System](#):** Aug 2022 – Nov 2022
- Developed MedProLink, a school project, using XAMPP with PHP and MySQL to facilitate appointments and real-time chatting via jQuery and Ajax.
 - Integrated the Google Calendar API to enhance functionality and user engagement.
 - Collaborated using GitHub to manage code, track changes, and work effectively as a team.
- UndetectableGPT.net** Nov 2023 – Ongoing
- Developed undetectablegpt.net with Django. Integrating NLTK and Gensim for advanced text processing.
 - Modified and improved the user payment system, optimizing the transaction process for better user experience and efficiency.
 - Achieved Google index and 20+ users in the first week, deployed on AWS with domain management via Route 53.
- SNMP Project – [Link for GitHub](#)** May 2024 – July 2024
- Developed a web-based SNMP information viewer using Django for the backend, React for the frontend, and Kivy for additional functionalities.
 - Implemented features to view public information of network devices via IP addresses.
 - Enhanced user interface and experience with real-time data retrieval and display.

SKILL

Languages: Python, HTML/CSS, JavaScript, C/C++, SQL, R, Java, SNMP

Frameworks: React, Django, Flask, ASP.NET, Kivy

Cloud Platforms: AWS, Azure

Developer Tools: Git, Docker, VSCode, Unity, WordPress, Xampp, FastAPI

Libraries: Pandas, NumPy, Matplotlib, Tensorflow