Tu Nguyen

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EDUCATION

University of California, Irvine — Irvine, CA
Bachelor of Science in Computer Science — *Sep. 2023 – June 2027*

EXPERIENCE

Software Developer - AI Training — Dec. 2024 – Present
DataAnnotation — *Remote*
- Played a key role in the full lifecycle of AI training data, from raw data ingestion and pre-processing to annotation, quality assurance, and final delivery to AI companies and research teams
- Engineered conversational AI solutions and large language models for numerous clients using Python and JavaScript, enhancing client-facing automated communication systems
- Optimized large language model response accuracy and reduced hallucinations for clients, achieving >90% accuracy rate

Guest Advocate — June. 2024 – Present
Target — *Cypress, CA*
- Collaborated with team members across departments to fulfill guest needs, locate products, and support overall store operations
- Provided friendly and efficient guest service at checkout and service desk
- Resolved guest issues promptly and effectively

Computer Science Tutor — Jan. 2023 – June 2023
Pacifica High School — *Garden Grove, CA*
- Tutored high school students in AP Computer Science A
- Explained complex coding concepts in an accessible manner

PROJECTS

VERITABLE ARMY | *Python, Flask, OpenAI API, Google OAuth* — March 2025 – Present
- Engineered a Flask-based backend to orchestrate calls to multiple third-party AI APIs (OpenAI, Google, Anthropic)
- Implemented a synthesis module where a master AI analyzes and consolidates responses from individual AI models, providing users with a unified and reasoned answer
- Integrated secure user authentication using Google OAuth 2.0, managing multiple user sessions and personalized experiences
- Leveraged Python's concurrent.futures for parallel processing of AI model requests, optimizing system performance

Reddit-To-Instagram-Content-Pipeline (RTICP) | *Python, Flask, RedditAPI* — Dec. 2024 – Present
- Engineered a full-stack application using Python and Flask to streamline content discovery and social media posting, integrating with Reddit (PRAW) and Instagram (instagrapi) APIs
- Implemented a web interface using Flask, HTML, and (likely) JavaScript, allowing users to configure API credentials, select subreddits, and manage posts for Instagram
- Successfully utilized the Reddit to Instagram Content Pipeline to organically grow an MMA-focused Instagram account to **500+** followers by automating the discovery and posting of high-engagement content

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Developer Tools: Git, Google Cloud Platform, VS Code, PyCharm, IntelliJ

EXTRACURRICULAR ACTIVITIES

Ballroom Dance @ UCI | *Treasurer* — Sep. 2024 – Present
- Managed club funds and fundraising events for fellow ballroom dancers

Cyber @ UCI | *Member* — Dec. 2023 – Present
- Participated in multiple cybersecurity workshops, presentations, and events