

Brian Joseph

- brian@brianjoseph.me - [linkedin.com/in/brianjoseph1758](https://www.linkedin.com/in/brianjoseph1758) - github.com/lonesume

EDUCATION

Valencia College

Associate in Arts

Olympia High School

High School Diploma

Orlando, FL, USA

Expected Graduation 2026

Windermere, FL, USA

TECHNICAL SKILLS

Programming Languages: Python, Typescript, Go, Bash, HTML, CSS

Libraries and Frameworks: Pandas, Flask, OpenCV, Streamlit, ReactJS, React Native, Expo, NextJS

Development Tools: Git, Docker, Figma, Vercel, MongoDB, LaTeX, GitHub Actions, CI/CD

PROJECTS

- **Retrieval Augmented Generation Docs Chat** <https://github.com/steevejoseph/doc-tuah>
Building a production-level RAG application that allows dev teams to chat with their specific docs or for students to chat with their specific textbooks. Built with Fastapi (Python), Azure OpenAI Embeddings, GPT Turbo 3.5, ChromaDB, and Terraform for one-click infrastructure deployment to Microsoft Azure.
- **Spotify AI Playlist Creator** <https://github.com/lonesume/shmood>
Developed an AI SaaS app that takes Spotify user data, and the users current mood via sentiment analysis and curates a perfect playlist for the moment. Built using Next.js, tRPC, Tailwind CSS, Prisma, and NextAuth.js for a full-stack, typesafe experience. The app is deployed on Vercel, leveraging server-side rendering, automatic deployments, and global CDN support for optimal performance and seamless user experience.
- **AI Industry Translator** <https://github.com/lonesume/bridge>
Developed a Full-stack SaaS app that translates jargon and expressions across industries and generates explanations using ReactJS, MongoDB, Docker, Python (Flask), and OpenAI's API. Dockerized the app for consistent cloud deployment (Microsoft Azure/AWS/Google Cloud).
- **Pocket GPT** <https://github.com/lonesume/pocket-gpt>
Designed and developed a desktop application that runs seamlessly on macOS, Windows, and Linux, allowing users to search ChatGPT directly from their computer. Built using Golang, React, TypeScript, and the OpenAI API.
- **Happyness Data Visualizer** <https://github.com/lonesume/Happiness-api>
Developed an interactive visualization of global happiness, based on Generosity, GDP, Corruption, and Happiness levels across countries. Using Streamlit for the web interface, Plotly for dynamic visualizations, and Python for data processing, the app provides a clear, accessible representation of global well-being trends.

WORK EXPERIENCE

VC Essentials Student Ambassador

Valencia College, Florida, USA

August 2024 - Present

- Managed the distribution of food and essential supplies at Valencia College's West Campus Student Support Center, supporting campus-wide food security initiatives.
- Coordinated delivery logistics, maintained inventory control through proper labeling and temperature-monitored storage, and ensured efficient processing of assistance for students in need.

Sports/Seasonal Photography Specialist

Theme Street Photos, Florida, USA

November 2021 - Present

- Specialized in youth sports photography, capturing team and individual portraits for major youth sports organizations including Reach, I9 Sports, and YMCA across the Orlando region
- Managed end-to-end photography process from shooting to post-production, utilizing Adobe Premiere for professional editing and coordinating direct mail distribution to families across Central Florida

EXTRACURRICULAR ACTIVITIES

- **President** of Impact Club - August 2023 - May 2024
- **Captain** Olympia High School Boys Football - 2021 - 2023
- **Vice-President** CUST-STEM(Valencia Collge) - 2024 - current