Brian Joseph

- brian@brianjoseph.me - linkedin.com/in/brianjoseph1758 - github.com/lonesume

EDUCATION

Valencia College   Orlando, FL, USA
Associate in Arts   *Expected Graduation 2026*
Olympia High School   Windermere, FL, USA
High School Diploma

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

- **Slang & Image Explanation 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). Mobile app built in React Native.

- **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.

- **Developer Portfolio**   https://github.com/lonesume/portfolio

  Developed a personal portfolio app 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.

- **Motion Capture Emailer**   https://github.com/lonesume/webcam

  Created a personal surveillance system using a laptop's webcam to detect motion and send real-time image notifications via email. Utilizing OpenCV for motion detection and Smtplib for email alerts, the app enhances security by providing instant updates to users.

- **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*

- Manage essential resources including food and supplies distribution at Valencia College's West Campus Student Support Center
- Coordinate food delivery logistics and maintain inventory control through proper labeling and temperature-monitored storage systems
- Process and distribute food assistance and essential supplies to students in need, supporting campus-wide food security initiatives

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