

Brian Joseph

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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

- **Slang & Image Explanation Translator** <https://github.com/lonesume/yn-translator>
Developed a full-stack web application that translates slang and generates explanations using ReactJS, MongoDB, Docker, Python (Flask), and OpenAI's API. Built a ReactJS-based frontend and a Flask-based backend that leverages OpenAI's language models for real-time, user-friendly outputs and Clerk for authentication. 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

- Food and Material shelter for students attending Valencia College's West Campus.
- Coordinating food deliveries, attach proper labeling and correct storage of time/temperature items.
- Distributed items or food to any student of need on campus.

Guest Services Associate

ThemeStreet Photos, Florida, USA

November 2021 - Present

- Specialized in child sports photo family holiday photos.
- Holiday Photos would include the holidays of Easter and Christmas -Easter : Dressed as Easter bunny provide family with a chance to interact and take photos with me as the bunny -Christmas : Would be a pseudo elf, in 's workshop help coordinating family take winter photos with Santa
- Children sports photos : Would go to youth sports leagues in and around the Orlando area(Reach,I9sports, YMCA,etc.), and would photograph children teams photos and individuals photos.Also would push them to adobe premiere and edit s with photos, then would send photos out via US mail to families

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