Chris Jaksec

✉ cmtjaksec@gmail.com   in linkedin.com/in/jaksec   ⌕ github.com/jaksec   🌐 jaksec.dev

Education

University of Central Florida   **Jun. 2022 – May 2026**
Bachelor of Science in Computer Science   *Orlando, FL*
Relevant Coursework: Data Structures and Algorithms 1 & 2, Objected-Oriented Programming,
Full-Stack Software Development, Cloud Computing

Experience

Software Engineer Intern   **Jun. 2025 – Aug. 2025**
Walmart Global Tech   *Sunnyvale, CA*
- Developed an ETL pipeline that extracts 100K+ Walmart.com search queries monthly from BigQuery and loads them into GCS using Airflow, providing sample datasets for guardrail tools.
- Automated data processing workflows to eliminate manual effort, enabling scheduled dataset updates and saving developer hours.
- Optimized SQL queries, reducing data extraction time by 15% and analyzed search query metadata to expand dataset coverage and variety.
- Ensured accuracy and reliability of exported datasets by implementing end-to-end validation checks.

University Teaching & Learning Assistant   **Aug. 2023 – Present**
UCF College of Engineering & Computer Science   *Orlando, FL*
- Designed and delivered supplementary materials and tutorials for 1200+ students across multiple classes.
- Conducted Python and C tutoring sessions, improving student exam performance by 35%.
- Evaluated and graded programming assignments, providing constructive feedback to students.
- Supported students during lab sessions, helping them with coding exercises, debugging, and troubleshooting.

Projects

KnightTracks | *React, TypeScript, Express.js, MongoDB*   **Oct. 2024 – Nov. 2024**
- Led the front-end team for KnightTracks, a React + TypeScript nutrition tracker used by 50+ beta users.
- Implemented meal tracking with macronutrient breakdowns and customizable user goals.
- Integrated Express and MongoDB to support real-time data tracking and secure storage of user nutrition data.
- Designed and implemented responsive UI/UX to enhance cross-device usability and user experience.

LawgicBot | *React, TypeScript, Python, Azure*   **Oct. 2023**
- Built a Legal Assistant chatbot to simplify access to legal guidance for users.
- Integrated a GPT-based model to offer accurate and contextually relevant legal advice in real-time.
- Leveraged Python and the OpenAI API for efficient back-end response generation.
- Utilizes a Flask + SQL backend to retrieve information from an Azure-hosted database.

BlurrSmith.ai | *React, TypeScript, Tailwind CSS, Python*   **Sept. 2023**
- Collaborated with a hackathon team to create BlurrSmith.ai, a web application with a focus on user privacy.
- Leveraged technologies such as Flask and OpenCV to enable facial and license plate recognition via an API and Tailwind CSS for a more seamless front-end design.
- Enabled users to upload images, automatically obscuring identifiable elements for privacy.
- Designed a user-friendly interface that streamlines the photo uploading process for a better user experience.

Skills

Languages: Python, C, Java, SQL, TypeScript, JavaScript, HTML/CSS
Frameworks/Libraries: Node.js, React, Next.js, Express.js, FastAPI, Tailwind CSS
Technologies: Google Cloud Platform (GCP), Airflow, Docker, PostgreSQL, MongoDB