




# Chris Jaksec

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## Education

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### 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

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### 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

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### 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

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**Languages:** Python, Java, SQL, TypeScript, JavaScript, HTML/CSS

**Frameworks/Libraries:** React, Next.js, Express.js, FastAPI, Tailwind CSS

**Technologies:** Node.js, Docker, Airflow, Google BigQuery, PostgreSQL, MongoDB