Chris Jaksec

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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*

- Built a Python-based ETL pipeline orchestrated with Apache Airflow to extract search query traffic data from BigQuery, verify dataset integrity, and upload datasets to GCS for internal testing tools.
- Eliminated manual data extraction and automated workflows, reducing extraction and preparation time by 90% and providing consistent, scheduled dataset updates.
- Enhanced data accuracy and reliability by implementing end-to-end validation checks before dataset export, ensuring guardrail tools monitor code behavior effectively.

Undergraduate Learning Assistant   Aug. 2023 – Present
University of Central Florida   *Orlando, FL*

- Developed and delivered supplementary materials and tutorials for 1000+ students across multiple classes.
- Provided tutoring sessions to help students understand programming concepts and syntax in Python and C.
- Supported students during lab sessions, helping them with coding exercises, debugging, and troubleshooting.

Projects

KnightTracks | *React, TypeScript, Express, MongoDB*   Oct. 2024 – Nov. 2024

- Front-end lead 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.
- Built responsive UI/UX, improving cross-device usability and increasing daily active interactions by 35%.

LawgicBot | *React, TypeScript, Azure, Python*   Oct. 2023

- Built a Legal Assistant chatbot with a React interface to deliver instant legal guidance.
- 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, OpenCV*   Sept. 2023

- Collaborated with a hackathon team to create BlurrSmith.ai, a React web application with a focus on privacy.
- Used 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, Java, C, HTML/CSS, JavaScript, TypeScript, SQL
Technologies: React, Tailwind, Node, Express, Git, Apache Airflow, Docker, GCP, Unix, MongoDB, PostgreSQL
Concepts: REST APIs, CI/CD, Version Control, Cloud Computing, Agile Methodologies