

Liam Ormiston

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Professional Summary

As a software developer with extensive experience in both Python and JavaScript, my soft skills set me apart. I approach new challenges with confidence and humility. I break down complex problems into manageable parts while understanding my strengths and areas for growth. I'm eager to leverage these skills in a smaller, remote, high-trust environment where I can play a pivotal role in driving growth and innovation, along with the opportunity to mentor new developers.

Work Experience

Tradebot Systems, Software Developer March 2021 - November 2023

- Manage and ensure the accuracy of internal research pipelines that handle over five petabytes of data.
- Co-led the transition of the data pipeline from Luigi to Airflow, modernizing our research workflow.
- Developed custom wrappers for Airflow, aiding the seamless transition to Airflow for Research analysts.
- Actively contributes to Airflow's GitHub repo through pull requests and bug reports.
- Spearheaded the transformation of MapReduce overnight jobs to PySpark to optimize efficiency and readability.
- Delivered two company-wide presentations on Git best practices, emphasizing code integrity and collaboration.

Garmin Intl., Software Engineer I-II July 2019 - March 2021

- Collaborated to develop a custom OEM infotainment solution for Daimler-Mercedes employing C++, Qt, and JavaScript.
- Innovated by adding over 25 language keyboards, enhancing global user compatibility.
- Pioneered collaboration with UX and Audio teams to brainstorm and implement distinct product sounds.
- Instituted a department-wide debug logging standard as a continuous improvement initiative for future projects.
- Rapidly revamped the integration process for CarPlay and Android Auto to align with production deadlines.
- Advocated for STEM by presenting at high school outreach events and participated in college recruitment events.

Cerner Corporation, Software Engineer Intern, May 2018 - August 2018

- Collaborated as a full-stack developer on a team that created a communication app for 200+ hospital clients.
- Engineered a message attachment feature that used Ruby on Rails and ReactJS.
- Ensured rigorous quality standards, achieving 100% test coverage for new features using Jest and Capybara.
- Presented my project to a diverse audience of over 50 current employees, team leads, and managers.
- Thrived within an Agile framework, participating in daily standups and weekly sprints.

Iris by Lowe's, Front End Intern, August 2017 - May 2018

- Integrated crop and upload features to a web application for IoT devices using JavaScript and NodeJS.
- Partnered with peers to develop a Git GUI, allowing Product Management to leverage version control for documents.
- Conducted in-depth protocol analysis with Wireshark, delivering insights that influenced device strategies.
- Gained proficiency in Zigbee/ZWave technologies, contributing to developing resilient mesh networks.

Iris by Lowe's, Web Dev Intern, May 2017 - August 2017

- Contributed to web application development, empowering users to manage IoT smart home devices using Javascript.
- Initiated a feature allowing NOAA weather alert subscriptions, offering users a tailored experience.
- Engaged in Agile development, benefitting from the mentorship of highly seasoned engineers.

Personal Initiatives

University of Kansas SELF Alumni Board - May 2021 - Present

- Selections Chair - oversees recruitment, applications, and committee-driven selection of new board members.
- Participates in biannual meetings to guide and influence the program based on student and staff feedback.

ArtoftheRoll.com - Actual Play D&D Podcast, January 2020 - January 2022

- Produced and edited a weekly Dungeons and Dragons podcast focusing on creative storytelling and role-playing

Education

University of Kansas, 2015 - 2019

- Computer Science BS, Communication Studies Minor
- GPA: 3.48, Honors Graduate, Self Engineering Leadership Fellow, Lambda Pi Eta