Daniel Carton

cartondaniel0@gmail.com

Senior Software Engineer

SKILLS

Languages:	Python	C#	Ruby	SQL	JavaScript
Tools:	React	Rails	AWS	Azure	

EXPERIENCE

Lyft – *Software Engineer*   OCTOBER 2022 – MAY 2023
- As a member of the Price Optimization Team, I helped build out the APIs to serve the base cost for each Lyft ride by setting the right price efficiently and reliably.
- Designed and developed innovative experiments, utilized A/B testing, implemented machine learning techniques, and worked closely with project managers, data scientists and ML engineers.
- Built robust data pipelines to serve hundreds of users a second by optimizing a cache distribution system.
- **Python, Redis, Flyte, AWS (S3, DynamoDB), ML (Reinforcement Learning)**

Microsoft – *Software Engineer*   OCTOBER 2020 – OCTOBER 2022
- As a full-stack engineer, I helped build tools to display and manage accurate incentive compensation plans for over 30,000 professionals selling Microsoft Products through complex data pipelines.
- Developed modeling, processing, and consumption tools as well as scalable APIs to consume and serve terabytes of data as well as the monitoring, anomaly detection, and data quality checks necessary.
- Automate full infrastructure deployments to scale to a multi-tenant architecture (Federal and Commercial).
- Team Lead of Diversity and Inclusion efforts and initiatives in the South East (Charlotte).
- **C#, SQL, React, TypeScript, Azure (Databricks, Azure Data Lakes, and Azure Data Factory)**

Henri – *Software Engineer*   SEPTEMBER 2018 – OCTOBER 2020
- Built features end to end including scoping requirements, developing, testing, and deploying new projects based on market competitors and user needs to enhance the overall user experience.
- Develop mobile app features through React Native along with scalable and secure APIs to support them.
- Advanced our test suite by leveraging test-driven development and setting better testing standards.
- **Ruby on Rails, React Native, Vue.js, PostgreSQL, RSpec, Heroku, AWS (S3).**

CIMCloud
Product Development Team Lead   MARCH 2018 – AUGUST 2018
Software Engineer   JUNE 2016 – MARCH 2018
- Managed seven engineers developing integrations with ERP systems into full e-commerce websites.
- Lead client meetings to help translate, scope, and cost their needs through effective technical plans.
- Heavily involved in the implementation and training in the company's switch to a modern JavaScript framework, Knockout.js, including installation and creating technical plans to convert customizations.
- **C#, Knockout.js, AWS, ASP, SQL.**

EDUCATION

University of South Carolina	*Masters in Software Engineering*	*Summa Cum Laude*	*2016*
University of South Carolina	*Bachelors in Computer Science, Mathematics*	*Cum Laude*	*2015*