

SEAN SANDER

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linkedin.com/in/Sean-Sander | github.com/Sean-Sander | sean-sander.github.io

SKILLS

Languages: Python (NumPy, Pandas, Django, Flask), Java, Scala, JavaScript, TypeScript, C, C++, C#, HTML/CSS, Lua, R, OCaml, Rust, SQL, Spark

Technologies & Frameworks: AWS (S3, EC2, ECS, ALB/ELB, DynamoDB, Kinesis, Firehose, CloudFront, Lambda, RDS), Docker, Redis, Terraform, AWS CDK, DataDog, Sumo Logic, RESTful APIs, Linux/Unix, JUnit, Spring Boot, Maven, Apache, microservices & and distributed systems

CI/CD & DevOps: GitHub Actions, TeamCity, Jenkins, AWS CodePipeline, Terraform, Docker, CloudFormation

WORK EXPERIENCE

Software Engineer II

March 2025 – Present

Dealer.com (of Cox Automotive)

Burlington, VT

- Designed and implemented foundational architecture for a now-critical data ingestion pipeline, powering one of the largest datasets at the company and supporting analytics, ML, CI/CD, and cross-platform integrations within Cox Automotive.
- Led experimentation and deployment of infrastructure and application enhancements to support advanced machine learning initiatives, including multi-model inference for price estimation and click-through rate prediction in real-time bidding systems.
- Drove platform optimization efforts, including S3 lifecycle policy refinement and compute load reduction, contributing to sustained AWS cost savings of up to 60% over multiple quarters.

Software Engineer I

July 2022 – February 2025

Dealer.com (of Cox Automotive)

Burlington, VT

- Developed and maintained real-time bidding services and core infrastructure for a high-scale, industry-leading digital advertising platform serving automotive dealers; driving hundreds of thousands of ad auctions per second across the U.S.
- Applied a DevOps mindset to proactively design fault-tolerant systems and respond rapidly to incidents (when on-call); resolved alerts ranging from large-scale AWS outages to critical internal degradations, ensuring system stability and uptime.

Software Engineering Internship

June 2021 – Sept. 2021

Dealer.com (of Cox Enterprises)

Burlington, VT

- Authored a project to build new AWS Lambda servers that halved the cold start times of customer facing apps/tools

EDUCATION

Bachelor of Science in Computer Science

Sept. 2019 – May 2022

University of Vermont | 3.9 Major GPA

Burlington, VT

PROJECTS

All projects found on: sean-sander.github.io

HONORS, AWARDS, AND CERTIFICATES

Cybersecurity Certificate

Spring 2022

Earned at the College of Engineering and Mathematical Sciences

Dean's List

Spring 2020 – Fall 2020

Recognition for top 20% at the College of Engineering and Mathematical Sciences

Dean's Merit Scholarship

Fall 2019 – Fall 2021

Awarded to the most academically achieved transfer students to UVM