# SEAN SANDER

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## EDUCATION

**Bachelor of Science in Computer Science**  Sept. 2019 – May 2022
*University of Vermont* | **3.6 GPA** *(3.9 Major GPA)*  Burlington, VT

**Liberal Arts Credits** | *Focus: Programming, Math, Environmental Sciences*  Aug. 2018 – May 2019
*Community College of Vermont* | **4.0 GPA**  Winooski, VT

## SKILLS

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

**Technologies and Frameworks**: AWS (S3, EC2, ECS, DynamoDB, Kinesis, CloudFront, Lambda, RDS), Docker, JUnit, SpringBoot, Maven, Redis, Terraform, CDK, DataDog, SumoLogic, RESTful API

## WORK EXPERIENCE

**Software Engineer I**  July 2022 – Present
*Dealer.com (of Cox Enterprises)*  Burlington, VT
- Worked on Real-Time Bidding services and underlying architectures that drive an industry-leading automotive digital advertising business for dealers, wherein hundreds of thousands of ad auctions per second are running nationwide
- Designed and implemented systems that exhibit high levels of observability and scalability
- Utilized a DevOps mindset, on-call or not, to design resilient systems that are fault tolerant. When paged, alerts were resolved promptly to resolve anything from AWS-wide outages to internal system degradations

**Software Engineering Internship**  June 2021 – Sept. 2021
*Dealer.com (of Cox Enterprises)*  Burlington, VT
- Learned SCRUM and Agile workflow in a team-focused environment, worked with Amazon Web Services and related technologies used in server-less architecture
- Authored a project to engineer new lambda servers to halve cold start times of code pipeline across the board

**Teaching Assistant**  Spring 2021, Spring 2022
*University of Vermont*  Burlington, VT
- Engaged in teamwork with other TAs to provide one-on-one assistance for students in Python, Java, C++, and Data Structures & Algorithms courses; ranging from assignment or project help to exam preparation

## FEATURED PROJECTS

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

**Flappy Bird Game**  Spring 2021
*University of Vermont*  Advanced Programming: C++ Open-Ended Project

**Wearable Remote / Re-programmable Machine Learning Glove**  Fall 2020
*University of Vermont*  Computer Organization Final Project

## HONORS AND AWARDS

**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 talented transfer students to UVM

**Phi Theta Kappa Honor Society Membership**  Spring 2019
PTK is an honor society for two-year colleges and academic programs

**President's List**  Fall 2018 – Spring 2019
Recognition for students achieving a 4.0 GPA at the Community College of Vermont