

# CADE LUEKER

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## SUMMARY

PhD student studying Programming Languages with a depth of knowledge in the NodeJS ecosystem, Rust, Python, and Fullstack web design.

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## EDUCATION

### PhD, Computer Science, Programming Languages & Verification

University of Colorado Boulder, *CUPLV Lab*

*NSF CSGrad4US Fellow*

Researching Verification and Abstract Interpretation. Mainly using functional languages such as Scala and Ocaml for implementations.

Relevant Coursework: Computer Aided Verification, Fundamental Concepts of Programming Languages

### BA, Computer Science

Graduated May 2022

Case Western Reserve University, Cleveland, OH

3.81 GPA

Relevant coursework: Algorithms, Data Structures, Programming Languages

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## EXPERIENCE

### Unlimited Technologies Pte Ltd., Remote: DeFi Contractor

February 2024 – September 2024

- Mainly tasked with writing and deploying new smart contracts, using **Solidity, NodeJS, Python, and Rust**.
- Using **Rust**, I created a local Ethereum runtime to test and build oracles to interact with on chain contracts.
- I created the front end application for the Quarry mining pool using **SvelteKit** and **PostgreSQL**.

### Publicis Sapient, Denver, CO: Associate Software Engineer

August 2022 – November 2023

- Delivering production ready code for clients in the **Salesforce** ecosystem.
- Mainly Integrating **JavaScript** front ends with Apex back ends.
- Sped up average customer conflict resolution by 5 times for client with Salesforce CRM implementation.

### Bluescape, Cleveland, OH: Test Automation Engineer Intern

March 2022 – July 2022

- Wrote, edited, and reviewed tests written with **Jest** for the production Bluescape **JavaScript** front end assigned through **Jira**.
- Ensured test viability and compatibility via **GitHub Deployments**.
- Demonstrated comprehensive knowledge of best practices with respect to documentation and test design.

### Case Western Reserve University, Cleveland, OH: Teaching Assistant

August 2021 – December 2021

- Held two office hour sessions weekly where students practiced their **Java** skills and asked questions from lecture.
- Proctored two lab sessions for students to practice and complete lab assignments.
- Graded student work, ensuring that they met the academic standards of the class.

### GXC, Seoul, KR: Mobile Development Intern

January 2021 – May 2021

- Tasked with proposing, designing, and implementing new features for the GXC mobile learning platform in the **Flutter** Framework.
- Worked extensively with server endpoints to build their **full-stack** application.
- Mentored by senior GXC staff and given research and development tasks for implementing text to speech in **Dart**.

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## TECHNICAL SKILLS

**Front End:** JavaScript, Svelte, Tailwind, Bootstrap, Vue

**Back End:** NodeJS, Django, Flask

**Programming:** JavaScript, Rust, Python, Solidity, Scala

**Certifications:** Salesforce JavaScript Dev I