

## EDUCATION

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### North Carolina State University

*Ph.D. Computer Science – Advisor: Dr. Tim Menzies*

Raleigh, NC

*Aug 2019 - Jul 2024*

### PES University

*B.E. Computer Science*

Bangalore, India

*Aug 2015 - May 2019*

## EMPLOYMENT

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### LexisNexis Legal & Professional

*Senior Data Scientist I*

Raleigh, NC

*May 2024 - Present*

- Profiled LLM calls and fixed inefficiencies, leading to a 10% reduction in runtime.

### Amazon

*Software Dev Engineer Intern*

New York, NY / Bellevue, WA

*May 2023 - Aug 2023*

- Implemented profile locks for Prime Video on Echo Show devices.
- **Technology:** React Native, TypeScript

*Software Dev Engineer Intern*

*May 2022 - Jul 2022*

- Developed a full-stack system to publish announcements in scorecards used by delivery service partners (DSPs).
- **Technology:** React/Redux, TypeScript, Redux Saga, DynamoDB, Java Spring

## HONORS AND AWARDS

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Google Cloud Champion Innovator - Cloud AI/ML, Jul 2023

Google Cloud Research Innovators Mentor, Dec 2022

Google Cloud Champion Innovator, Oct 2022

Google Cloud Research Innovator, Feb 2022

## RELEVANT PROJECTS

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### Lastodo

*Rust*

May 2024 - Present

[GitHub](#)

Developed a TUI todo application with vim-like keybindings.

### Programmable Resumes

*Python*

Aug 2023 - Present

[GitHub](#)

Developed a specification and implementation for modular, customizable resumes with support for two popular LaTeX templates.

### pysh

*C++, TMLanguage*

May 2021 - Present

[GitHub](#)

Developed a superset of Python that allows running Shell code natively, with a VS Code syntax highlighting extension.

### Threaded Discussions Website

*MongoDB, Node.js, React*

Feb 2021 - Jun 2021

[GitHub](#)

Companion website for video calls that allows for Reddit-style, threaded discussions.

### NearConnect

*iOS, SwiftUI*

Nov 2020 - Mar 2021

[GitHub](#) :: [App Store](#)

iOS app to connect with people nearby using multicast peer-to-peer connections.

## SKILLS

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**Languages:** Python, TypeScript, Java, C++

**Frameworks:** Flask, Keras, PyTorch, Node.js, React

**Databases:** MySQL, MongoDB, DynamoDB

**Cloud:** Google Compute Engine, RDS, S3, Google Cloud Storage, EC2