

## EDUCATION

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<b>North Carolina State University</b> <i>Ph.D. Computer Science – Advisor: Dr. Tim Menzies</i>	Raleigh, NC <i>Aug 2019 - Jul 2024</i>
<b>PES University</b> <i>B.E. Computer Science</i>	Bangalore, India <i>Aug 2015 - May 2019</i>

## EMPLOYMENT

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<b>LexisNexis Legal &amp; Professional</b> <i>Senior Data Scientist I</i>	Raleigh, NC <i>May 2024 - Present</i>
<ul style="list-style-type: none"><li>◦ <b>Performance improvements:</b> Improved customer-facing product runtime by 24.8% through various inefficiency fixes based on profiling results.</li><li>◦ <b>Drafting improvements:</b> Helped improve complaint drafting results by 46 percentage points of usefulness through various improvements</li><li>◦ <b>Workflow improvement:</b> Led initiative to use Bayesian optimization for prompt tuning.</li><li>◦ <b>Technology:</b> Python, Litestar, React, TypeScript, Tailwind</li></ul>	
<b>Amazon</b> <i>Software Dev Engineer Intern</i>	New York, NY / Bellevue, WA <i>May 2023 - Aug 2023</i>
<ul style="list-style-type: none"><li>◦ Implemented profile locks for Prime Video on Echo Show devices.</li><li>◦ <b>Technology:</b> React Native, TypeScript</li></ul>	
<i>Software Dev Engineer Intern</i>	<i>May 2022 - Jul 2022</i>
<ul style="list-style-type: none"><li>◦ Developed a full-stack system to publish announcements in scorecards used by delivery service partners (DSPs).</li><li>◦ <b>Technology:</b> React/Redux, TypeScript, Redux Saga, DynamoDB, Java Spring</li></ul>	

## 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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<b>Programmable Resumes</b> <i>Python</i>	Aug 2023 - Present <a href="#">GitHub</a>
Developed a specification and implementation for modular, customizable resumes with support for two popular LaTeX templates. Wrote this resume using this tool.	
<b>pysh</b> <i>C++, TMLanguage</i>	May 2021 - Present <a href="#">GitHub</a>
Developed a superset of Python that allows running Shell code natively, with a VS Code syntax highlighting extension.	
<b>Threaded Discussions Website</b> <i>MongoDB, Node.js, React</i>	Feb 2021 - Jun 2021 <a href="#">GitHub</a>
Companion website for video calls that allows for Reddit-style, threaded discussions.	
<b>NearConnect</b> <i>iOS, SwiftUI</i>	Nov 2020 - Mar 2021 <a href="#">GitHub</a> :: <a href="#">App Store</a>
iOS app to connect with people nearby using multicast peer-to-peer connections.	
<b>JournalBear</b> <i>JavaScript, Electron</i>	Jan 2017 - Feb 2019 <a href="#">GitHub</a> :: <a href="#">Softpedia</a>
Cross-platform journal application with AES-256 encryption. Rated 4/5 by Softpedia.	

## SKILLS

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

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

**Databases:** MySQL, MongoDB, DynamoDB

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