

Advait Chirmule

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EDUCATION

Arizona State University <i>Master's of Science in Computer Science, GPA: 3.80/4</i>	Tempe, AZ Aug 2023 – May 2025
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EXPERIENCE

Full Stack AI Application Intern <i>Cognia Security</i>	May 2025 – Nov 2025 Tempe, AZ
• Worked on a startup for creating security dashboard for enterprise clients	
Research Aide <i>Arizona State University</i>	Nov 2025 – Dec 2025 Tempe, AZ
• Worked on understanding the effect of hashtags on post toxicity	
Vocab Master <i>ASP.NET, C#, JavaScript, AJAX, Kotlin, XML, Firebase</i>	Jan 2025 – Aug 2025
• Built a cross-platform GRE study app serving 100+ users, enabling vocab practice and a multiplayer word game	
Minibase Software Modification <i>Java, Linux, Algorithms, Git</i>	Jan 2024 – May 2024
• Extended Minibase (Java DBMS on Linux) with column-store support and bitmap indexes, for efficient querying.	
Taiga API Extraction <i>React, FastAPI, Recharts, Node.js, Docker</i>	Jan 2024 – May 2024
• Developed a Taiga project analytics tool delivering project analysis metrics to improve sprint efficiency.	

PUBLICATIONS

Jailbreaking Proprietary Large Language Models <i>Arizona State University</i>	ACL ARR 2024 Feb
• Studied cryptographic ways to encode prompts to jailbreak, automated GPT API calls to speed up work by 50%.	
• Analyzed results using Power BI, achieving up to 60% jailbreaking success across multiple large language models	

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C#, C++, XML

Frontend: React, HTML, CSS, RESTful API, HCI

Backend: .NET, MySQL, Postgres, AWS, Docker, Kubernetes

Others: Agile, Github, AI/ML, Problem Solving, Teamwork