

# Advait Chirmule

480-876-9732 | [achirmul@asu.edu](mailto:achirmul@asu.edu) | [Linkedin](#) | [Github](#)

## EDUCATION

### Arizona State University

*Master's of Science in Computer Science, GPA: 3.80/4*

Tempe, AZ

*Aug 2023 – May 2025*

## EXPERIENCE

### Full Stack AI Application Intern

*Cognia Security*

May 2025 – Nov 2025

*Tempe, AZ*

- Worked on a startup for creating security dashboard for enterprise clients

### Research Aide

*Arizona State University*

Nov 2025 – Dec 2025

*Tempe, AZ*

- Worked on understanding the effect of hashtags on post toxicity

### Vocab Master | ASP.NET, C#, JavaScript, AJAX, Kotlin, XML, Firebase

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 | Java, Linux, Algorithms, Git

Jan 2024 – May 2024

- Extended Minibase (Java DBMS on Linux) with column-store support and bitmap indexes, for efficient querying.

### Taiga API Extraction | React, FastAPI, Recharts, Node.js, Docker

Jan 2024 – May 2024

- Developed a Taiga project analytics tool delivering project analysis metrics to improve sprint efficiency.

## PUBLICATIONS

### Jailbreaking Proprietary Large Language Models | Arizona State University

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