

# Shiva Shashank Kusuma

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## EDUCATION

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### University of Alabama

Master's in Computer Science - **3.33/4.0 GPA**

Huntsville, AL

Aug 2022 – Present

### University of North Texas

Master's in Computer Science - **3.33/4.0 GPA**

Denton, TX

Jan 2022 – July 2022

### SR Engineering College

Bachelor's in Computer Science - **3.15/4.0 CGPA**

India

Aug 2016 – Nov 2020

## EXPERIENCE

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### Graduate Assistant

University of Alabama

Aug 2022 – Present

Huntsville, AL

- Researched 100's of hours in the lab under a professor to help him build a tool in cybersecurity
- Learned lowest-level programming language (ASM) to better understand how computers work under the hood
- Implemented various exploits to expose the vulnerabilities, including reverse engineering and software patching
- Obtained a broad understanding in the field of computer security and mindset to approach difficult topics

### Mobile Application Developer Intern

UrbanRider

May 2020

Hyderabad, India

- Learned and Developed cross-platform applications using Flutter Framework within a week
- Built UrbanRider manager app using Adobe XD for Design, Flutter/Dart for Front-end, Firebase for Back-end
- Maintained the codebase single-handedly while integrating the new features into the app in real-time

## TECHNICAL SKILLS

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**Languages:** C/C++, Java, Python, HTML/CSS, JavaScript, SQL (MySQL), Assembly language (x86)

**Technologies/Frameworks:** React, Next.js, Node.js, Flutter, Tailwind CSS, Blockchain/Web3

**Developer Tools:** Git/GitHub, Bash, Windows, Linux, MacOS, VS Code, AWS, Firebase

**Computer Security:** Reverse Engineering, Malware Analysis, Binary Exploitation

## PROJECTS

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### Geekyboy

Nov 2017 – April 2019

- Tech related Android app (**50k+** Downloads), Website (**100k+** Stats), **150** Rank in Google Play Store.
- Researched and Implemented ASO gaining huge traffic (**2k+** downloads/day) with an average **4.7/5**-star
- Role & Responsibility: Founder & Developer, Managed queries from about **100k+** users for 2 years
- Programming Languages: Java, XML, HTML, CSS, JavaScript
- Tools: Android Studio, Sublime Text 3, Wamp Server/Apache HTTP Server, Adobe Photoshop/Premiere Pro
- Technologies: WordPress, Firebase, Google Analytics, Adwords, Admob, Custom Web Hosting

## ACHIEVEMENTS

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- Won 4th prize in 48-hour WittyFeed coding hackathon
- Created educational content on youtube and garnered **1500+** subscribers
- Contributed to open source projects on GitHub

## CERTIFICATIONS

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Responsive Web Design

FreeCodeCamp

Data Structures and Algorithms

NPTEL

## ADDITIONAL INFORMATION

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- I am a very organized person with great attention to detail and ready to pick up new skills and technologies
- Demonstrated working experience in a fast paced environment with ability to handle multiple queries