

EDUCATION

Bachelor's of Science in Computer Science

Virginia Tech

09/2018 - 05/2022

Blacksburg, VA

Courses

- CS3114 - Soft Des & Data Structures
- CS2506 - Intro to Computer Organization
- MATH 4175 - Cryptography
- MATH3134 - Applied Combinatorics

WORK EXPERIENCE

Cybersecurity Intern Blackhorse Solutions

05/2020 - 08/2020

Herndon, VA

Achievements/Tasks

- Architected Node, MondoDB, and Express backend
- Designed Angular Prime-Ng frontend
- Created full stack offensive network scanning tool
- Deployed server on a Kali Linux machine

Intern

Upper Quadrant Inc.

05/2018 - 06/2018

Reston, Virginia

Achievements/Tasks

- Solved Supply side tracking issues using SQL
- Sent out analysis reports to clients
- Participated in Data Analysis feedback meetings
- Worked with local specialty retail stores
- Learned the inner workings of a small business

Mobile Developer - Founding Team Scope Analytics Inc.

11/2018 - 03/2019

Glen Allen, VA

Tech Startup focused on connecting students with mentors in the college application process

Achievements/Tasks

- Management and Planning for Initial Launch
- General Development on Xcode using Swift
- Contributed Ideas for Development
- Engaged in recruitment and scouting

SKILLS

Java

SQL

Python

iOS

C

JavaScript

Linux

MEAN Stack

Offensive Security

AWS SageMaker

HTML/CSS

Firebreathing

PERSONAL PROJECTS

Javelin Scanner Offensive Network Scanner
(05/2020 - 08/2020)

- Intelligent network scanner with GUI using Nmap
- Successive Kali command execution ex: dirb, nictocat, etc
- MongoDB data persistence

akshayakula.com (08/2000 - Present)

- Anime.js animation library
- Javascript/HTML/CSS

enunciateio.com (VT Hacks 2019 project)
(02/2019 - Present)

- Utilized Microsoft Azure Speech Recognition
- Javascript, HTML, and CSS interactive storefront
- Built in under 48 hours

@Univprints - custom apparel (06/2020 - Present)

- CEO/Founder
- Supplying custom clothing to various non-profits

Helping Hands (04/2019 - Present)

- VT Kickstarts Entrepreneurship Winner
- Y-Combinator Startup School
- Sketch UI/UX wire framing

ORGANIZATIONS/LEADERSHIP

Virginia Tech Finance Club Secretary
(02/2019 - Present)

Manage and planning large scale club events with companies and organizations. Directing basic club processes.

Olympic Tae-Kwon-Do Club at Virginia Tech
(04/2019 - Present)

Treasurer

Society of Indian Americans at Virginia Tech
(04/2019 - Present)

Treasurer

Virginia Tech Entrepreneurship Club
(03/2019 - Present)

Corporate research clubhouse member