

Praneeth Mikkilineni

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EDUCATION

George Mason University, Fairfax, VA

Expected May 2024

Masters in Computer and Information Sciences, GPA: 3.67/4.0

Vellore Institute of Technology (VIT), Amaravati, India

Jul 2018 – Jul 2022

Bachelor of Technology in Computer Science and Engineering

Specialization with Networking and Security, GPA: 8.52/10

TECHNICAL SKILL

Programming Languages: JAVA, JavaScript, HTML, CSS

GUI: Visual Studio 2005 & Higher, Visual Studio Code, Eclipse, SQL

Additional Tools: MS Excel, MS Power Point, MS Word, WordPress

Operating Systems: Windows, Linux (Kali)

Network Software: Cisco Packet Tracer, Nmap, Wireshark.

Hardware: Raspberry Pi, Arduino, Beagle Bone Black.

EXPERIENCE

Cyber Security Engineer Intern-Remote, Virtually Testing Foundation, California, USA

May 2022 - Jul 2022

- Learned about cybersecurity frameworks, OSINT, fundamentals of cloud and web application security.
- Review project documents or any operational efforts.
- Collaborate with partners, vendors and customers to implement new controls and resolve existing issues.

Cyber Security Virtual Experience Program-Remote, Forage

March 2022

- Phishing Email simulation Design: Design and execute realistic phishing simulations using a strategic blend of social engineering, technical expertise, and risk assessment.
- Phishing Simulation Results Interpretation: Analyze phishing simulation results, produce insightful reports, and enhance security through continuous improvement based on identified vulnerabilities.

Cyber Security Intern -Remote, Clifford Chance, California, USA

Jan 2022

- Practical guidance on an ICO Dawn Raid.
- Exposure to threat modeling approaches.
- Assess the legal situation after a data leak and take the necessary steps.

Penetration Testing Intern-Remote, Virtually Testing Foundation, California, USA

Oct 2021 - Dec 2021

- Worked on vulnerability exploitations.
- Learnt about OWASP top 10 and worked on web-application penetration testing as well as professional management.
- Performed manual application security testing on the everyday changes carried out in the project.
- Reviewed and validated the user access compliance on a quarterly basis.

Web Development Intern-Remote, The Sparks Foundation, Singapore

Nov 2020 - Dec 2020

- Developed a web application named “Basic Banking System” using HTML, CSS and Java Script. The purpose of the application is to enable the users to access the user information available in the database and display the transactions for each user.
- Built new features for an existing web application that uses a JavaScript file, such as pdf.js.
- Hosted the web application to the cloud (SaaS) to boost the web application productivity and efficiency.

ACADEMIC PROJECTS

Prevention and detection of phishing attacks on social media websites

Dec 2020 – May 2021

Developed a phishing tool where an attacker imitates as an actual man or woman or group through selling them as a reputable man or woman or entity through e-mail or different communicate mediums. Preventing the phishing attacks by using Wireshark tool.

Smart Locker using Arduino Uno

Jul 2019 - Nov 2019

Designed a secret knock-based detecting door lock using Arduino platform which will open the lock when the knocking pattern matches with the saved pattern.

Luggage carrying car using Raspberry Pi

Dec 2018 - April 2019

Luggage carrying car is very helpful and it helps every human being by carrying the luggage by sensing the color of the costume of luggage owner by using CSM sensor.

Smart Blind Stick using Arduino Uno

Aug 2018 - Nov 2018

Designed the Smart Blind Stick using Ultrasonic sensor which helps blind people to move from one place to another place without a help of second person.

CERTIFICATIONS

- Nasscom Certification for “**Security Analyst (SSC/Q0901)**” conforming to National Skill Qualifications Framework Level 7.
- Introduction to Cybersecurity – CISCO.
- Step into Robotic Process Automation – GUVI.

AWARDS

- Obtained silver medal in drawing competition.
- Secured Second place in table tennis.
- Participated in ABACUS finals.

ACHIEVEMENTS

- Participated in Online National Level Quiz on Python Programming and stood among top 15% by Scoring 70 / 75
- Received a passing grade in machine learning with python provided by cognitive class.ai
- 14147th rank in Try Hack Me.

DECLARATION:

I hereby declare that the above details are true to the best of my knowledge