Permanent Address

37686 Hughesville Road
Purcellville, VA 20132

Nicholas R. Cerne

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Temporary Address

1306-J Mary Jane Cir
Blacksburg, VA 24060

Education

Virginia Tech, Pamplin College of Business   **Blacksburg, VA**

B.S. in Business Information Technology, Cybersecurity Management and Analytics   *Graduating Spring 2022*

Dean's List: Spring 2019 – Present   **In-Major GPA: 3.74**

Work Experience

Goldman Sachs   **Dallas, TX**

Technology Risk and Cybersecurity Summer Analyst   *Jun 2021 – Present*

- Analyzed firm-wide technology risk, such as cybersecurity, business resiliency, governance, and third-party technology risk management
- Manually identified controls mitigating privilege escalation vulnerabilities on Unix systems
- Assisted in scoping of red team efforts to identify potential attack vectors in the cloud

Virginia Tech   **Blacksburg, VA**

Undergraduate TA, Information Security   *Aug 2021 – May 2022*

- Will assist students in implementing firewall rules and intrusion detection systems in Linux environments
- Will assist students in developing cyber risk consultation reports on local companies as semester projects
- Will assist professor in development of CTFs for class exercises

NCI Information Systems   **Reston, VA**

Security Consultant Intern   *May 2020 – Aug 2020*

- Utilized Nessus to identify vulnerabilities and prioritize mitigation efforts
- Managed data loss prevention system overseeing thousands of corporate workstations
- Performed identity and access management reviews to confirm current user privileges
- Created tabletop exercises for NCI SIRT team to validate security incident response plan

Student Involvement & Community Service

CyberVT, *CEO*   *May 2020 – Present*

- Leading student-run cybersecurity organization at Virginia Tech
- Will educate peers on remote machine exploitation, embedded device hacking, and other topics
- Will host annual CyberVT CTF competition (known formally as Summit) for a multitude of schools

G.E.R.M.A.N. Club, *Member*   *Feb 2020 – Present*

Entrepreneurship Club, *Member*   *Sep 2019 – Present*

B.A.R.C., *Member*   *Jan 2019 – Present*

O.L.V.T. (Orbital Launch Vehicle Team), *Lead Web Developer*   *Jan 2020 – Jan 2021*

A.C.C. Track and Field, *Volunteer*   *Feb 2020 – Feb 2021*

Skills

- **Languages:** Python, Bash/Shell, PowerShell, HTML, CSS, JavaScript, SQL, Visual Basic
- **Platforms:** Nessus, Burpsuite, Excel
- **Certifications:** Security+