

CHRISTOPHER CERNE

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OBJECTIVE | To secure an internship in information technology for the summer.

EDUCATION | **VIRGINIA TECH, BLACKSBURG, VA**
BACHELOR OF SCIENCE: COMPUTER SCIENCE, 3.68 GPA
Expected to graduate in May 2021. Joined the Virginia Tech Cyber Security Club (September 2017 – Present). Webmaster of the VPI Cave Club.

LOUDOUN VALLEY HIGH SCHOOL, PURCELLVILLE, VA
Led a newsmagazine publication. Competed in a nationwide cyber security competition.
Competed in computer programming competitions.

SKILLS |

Java	Python	Linux Kernel
C / C++	x86 / ARM Assembly	Vulnerability Research
PHP / HTML / CSS	Ghidra	SQL

EXPERIENCE | **VULNERABILITY RESEARCH INTERN REDLATTICE INC.**
MAY 2019 – AUG 2019
Researched and found security vulnerabilities in various commonplace embedded devices.
Developed tooling to find such exploits.

IT INTERN FOCAL POINT TECHNOLOGIES
JUN 2017 – AUG 2017, JUN 2018 – AUG 2018
Developed a mobile application using the Ionic Framework. Gained experience in AWS Cognito, DynamoDB and AWS API Gateway. Used microcontrollers to collect and process data.

IT INTERN AMERICAN PUBLIC UNIVERSITY SYSTEM
JUN 2016 – DEC 2016
Learned corporate tools such as Active Directory and SharePoint. Designed web pages and learned SQL.

LEADERSHIP & AWARDS | **SECOND PLACE AWARD ANDOR ASSEMBLY PROGRAMMING COMPETITION**
AUG 2019
Represented Virginia Tech in The University Nebraska's Andor Assembly Programming Competition. Focused on x86, ARM and RISC assembly. Won \$250.

TEAM LEADER CYBERPATRIOT
Led a team of six students in a nation-wide cyber security competition while producing guides and scripts to gain an edge on competitors.

EDITOR-IN-CHIEF THE VIKING NEWS
Led a publication that published timely content while enforcing strict deadlines and learning industry software such as Adobe InDesign and Photoshop.

FIRST PLACE AWARD THE SMARTPHONE OF THE FUTURE
APR 2017
Won \$500 from The Institute of Electrical and Electronics Engineers (IEEE) for developing a prototype of a smartphone with interchangeable parts.

PUBLICATIONS | **SECURITY FOR COLLEGE FRESHMEN**
UNITED STATES CYBERSECURITY MAGAZINE, AUG 2017