

MICHAEL RICHTER

michaelrichter@vt.edu | (336) 420-7724 | mrichter.net

EDUCATION

B.S. Computer Science (Minor: Cyber Security, Mathematics)
Virginia Tech, Blacksburg, VA

Graduation Date: May 2020
GPA: In major: 3.6; Overall: 3.1

SKILLS

Languages: Java, C, Python
Web: HTML/CSS/JS

Tools: Git, Docker
OS: Linux, Windows

EXPERIENCE

Virginia Tech Identity Management Services (IMCS) | *Intern* | *October 2018 – Present*

- Manage Virginia Tech's digital identities such as PID, VT ID Number, and 2-Factor Authentication.
- Maintain user documentation for Virginia Tech's secure identity systems.

Virginia Tech Software Assistance Triage (SWAT) | *Technician* | *August – December 2018*

- Provided customer service and assisted students with: software installation, operating system installation, driver issues, virus removal, networking issues, and hardware diagnostics.

Engineering For Kids | *Lead Instructor* | *Portsmouth, VA* | *June – August 2018*

- Taught engineering concepts such as robotics, programming, app design, and 3D printing to up to 25 children ages 4-14.

PROJECTS

Website | *Personal Project*

- Built mrichter.net with web technologies and Bootstrap (CSS/JS framework)

Music Survey Project | *Software Design & Data Structures* | *Spring 2018*

- Parsed a CSV file containing student music preferences into an interactive GUI displaying graphs on popularity by hobby, major, and state.

ACTIVITIES

Computer Science Ambassador | *November 2018 – Present*

- Host company representatives for departmental tech/informational talks.
- Provide guidance to underclassmen to ensure their success in Computer Science at VT.

class Code() | *Director of Programming* | *September 2018 – Present*

- Create and teach computer science lessons to Montgomery County Public School students.

Cyber Security Club (VTCSEC) | *September 2018 – Present*

- Attend weekly cyber security seminars on topics such as networking, computer exploitation, and reverse engineering, as well as participate in CTFs.

Circle K International | *August 2016 – Present*

Relay for Life Project Chair | *August 2018 – Present*