

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: 3.1

SKILLS

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

Tools: Git, Docker
OS: Linux, Windows

EXPERIENCE

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

- Manage digital identities such as PID, VT ID Number, and PACE Accounts.
- 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 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 preferences by hobby, major, and state.

ACTIVITIES

Computer Science Ambassador | *November 2018 – Present*

- Assist the CS Department with information sessions, career fairs, recruiting events, and hosting company representatives for technical talks and events.

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

- Develop and teach computer science lessons and Ozobot activities to 15 students ages 10-14.

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

Circle K International | *August 2016 – Present*

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