

# 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*

**Circle K International** | *August 2016 – Present*

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