

# MICHAEL RICHTER

**College Address:**

1203 University Ter  
Blacksburg, VA 24060

michaelrichter@vt.edu

(336) 420-7724  
mrichter.net

**Permanent Address:**

5611 Foxbury Dr  
Oak Ridge, NC 27310

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**EDUCATION**

B.S. Computer Science  
Minor: Mathematics  
Virginia Tech, Blacksburg, VA

Graduation Date: May 2020  
Fall 2017 Dean's List  
GPA: 3.12

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**SKILLS**

Languages: Java, C  
Web: HTML, CSS, JavaScript

Technologies: Git, AWS, Docker

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**EXPERIENCE**

Software Engineer Intern | *Old Dominion Freight Line* | *Thomasville, NC* | *May – August 2019*

- Developed multiple RESTful webservices using Spring Boot in microservices architecture
- Led a team of 5 people in software testing by creating a mock service and automating test cases

IMS Intern | *Virginia Tech Identity Management Services* | *October 2018 – May 2019*

- Automated workflows for forms using ServiceNow and JavaScript
- Updated user documentation for processing identity requests for Virginia Tech

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

- Assisted students with software installation, operating system installation, driver issues, virus removal, networking issues, and hardware diagnostics

Lead Instructor | *Engineering For Kids* | *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

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**PROJECTS**

Undergraduate Research Assistant | *Virginia Tech* | *August 2019 – Present*

- Design and develop data structure visualizations for open-source textbook using JavaScript

Website | *Winter 2018*

- Built a personal portfolio with web technologies and Bootstrap (CSS/JavaScript framework)

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**LEADERSHIP EXPERIENCE**

Computer Science Ambassador | *Virginia Tech* | *November 2018 – Present*

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

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

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

Relay for Life Team Captain | *Circle K International* | *Virginia Tech* | *August 2018 – May 2019*

- Led a team of 30 members in fundraising \$1500 for the American Cancer Society