

MICHAEL RICHTER

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mrichter.net

EDUCATION

B.S. in Computer Science | Minor: Mathematics | May 2020

Virginia Tech, Blacksburg, VA

In-Major GPA: 3.41 | Overall GPA: 3.22 | Dean's List: Fall 2017, Fall 2019

SKILLS

Languages: Java, C

Web: HTML, CSS, JavaScript

Technologies: Git, AWS, Linux, Docker

EXPERIENCE

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

- Developed 4 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 | *Identity Management Services* | *Virginia Tech* | *October 2018 – May 2019*

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

SWAT Technician | *Software Assistance Triage* | *Virginia Tech* | *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

PROJECTS

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

- Designed and developed data structure visualizations for open-source textbook using JavaScript

Personal Website | *December 2018*

- Built a personal portfolio with HTML, CSS, JavaScript, and Bootstrap (CSS/JavaScript framework)

LEADERSHIP EXPERIENCE

Computer Science (CS) Ambassador | *Virginia Tech* | *November 2018 – May 2020*

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

Director of Programming | *class Code()* | *Virginia Tech* | *September 2018 – May 2019*

- Designed and taught 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