

MICHAEL RICHTER

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EDUCATION

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

Graduation Date: May 2020
GPA: 3.1

SKILLS

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

Technologies: Git, AWS, Docker

EXPERIENCE

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

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

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

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

Virginia Tech Software Assistance Triage | *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

OpenDSA | *Undergraduate Research* | *August 2019 – Present*

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

Website | *Personal Project*

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

LEADERSHIP EXPERIENCE

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*

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

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

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