

# MICHAEL RICHTER

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## EDUCATION

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

**Graduation Date:** May 2020  
**GPA:** 3.1

## SKILLS

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

**Technologies:** Git, AWS, Docker

## EXPERIENCE

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**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

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**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/JS framework).

## LEADERSHIP EXPERIENCE

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**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 – Present

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