

# Ryan Gniadek

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## EDUCATION

### B.S. Computer Science

Virginia Tech, Blacksburg, VA

expected graduation May 2023

Major: 3.26/4.00 GPA: 3.12/4.00

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## EMPLOYMENT

### Software Engineer (Intern), Anedot

May 2022 - August 2022

New Orleans, LA - *All Remote Company*

- Designed and implemented new fraud prevention and security features including the ability to block malicious users
- Deployed Wazuh intrusion detection system to meet requirements for pending SOC 2 certification

### Software Development Engineer Intern, Mastercard

May 2021 - August 2021

Arlington, VA

- Contributed to a Kubernetes operator designed for compliance with Mastercard-specific deployment patterns
- Modernized the reboot application used at global Mastercard data centers and Azure cloud instances

### Software Engineer Intern, Leidos

May 2020 - August 2020

### Systems Engineer Intern

June 2019 - August 2019

Gaithersburg, MD

- Evaluated C++ unit and mock testing frameworks for inclusion in a CI/CD pipeline
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## TECHNICAL SKILLS

**Programming Languages and Frameworks:** *Ruby on Rails, Go, Java, Python, C/C++, React, JavaScript*

**Cloud Infrastructure:** *Amazon Web Services, Docker, Kubernetes, Terraform CDK, Azure, Linux System Administration*

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## ADDITIONAL EXPERIENCE

### President, Student Engineers' Council at Virginia Tech

April 2022 - Present

### Director of Finance

April 2021 - April 2022

### Leadership and Engagement Chair

February 2020 - April 2021

Blacksburg, VA

- Serve as the Chief Executive of a 501c3 nonprofit with over \$500k in annual revenue
- Manage 300+ corporate relationships for the advancement of the College of Engineering
- Represent over 9,000 engineering students to the Dean and other college leadership

### Undergraduate Research Assistant, Computer Science at Virginia Tech

August 2020 - Present

Blacksburg, VA

- Served as technical lead and project manager for a team of almost two dozen undergraduate students
- Configured CI/CD pipeline for automated testing and deployment, streamlining existing team patterns
- Architected core functionalities for our API and database, including authentication and crowdsourcing

### President, Linux and Unix Users Group at Virginia Tech

May 2020 - April 2022

Blacksburg, VA

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## PUBLICATIONS

### Integrating DevOps to Enhance Student Experience in an Undergraduate Research Project

presented at 2022 ASEE Annual Conference — Ryan Gniadek, Godmar Back, Kirk Cameron, Margaret Ellis

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## HONORS

### Undergraduate Service Award, 2022

Computer Science at Virginia Tech

### Computer Science Ambassador Award, 2021 & 2022

Computer Science at Virginia Tech

### Qualcomm Best Networking Hack, 2020

SheHacksVT

### Computer Science Department Award, Class of 2019

Quince Orchard High School