

# Vincent R. DiGiovanni

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## Education

### Rochester Institute of Technology, Golisano College of Computing and Information

Rochester, NY

Computing and Information Technologies, Bachelor of Science

Anticipated Graduation: May 2026

- **Relevant Coursework:** Software Development and Problem-Solving I & II | Web & Mobile I & II | Intro. to Cybersecurity | Intro. & Advanced Routing and Switching | Intro. to Database and Data Modeling | Information Assurance and Security | System Administration I | Task Automation Using Interpreted Languages | Network Services |

## Skills

**Languages & Frameworks:** Bash, Python, Java, MySQL, PHP, HTML, CSS, JavaScript, React, Vite, TailwindCSS

**Tools & OS:** Virtualization/VMWare, Git, Microsoft Azure/AGILE, Windows Server, Active Directory, DNS, Windows, Linux, UNIX

## Projects

### Personal Website

<https://www.vincentdigi.com>

*Personal Project*

August 2022 – Present

- Developed resume website using React/Vite, JavaScript, HTML, CSS, and TailwindCSS
- Accessible and Responsive design for ease of access and high-quality experience
- Hosted on AWS EC2 Linux Instance

### Student Life Center Schedule Tool

*Personal Project*

June 2024 – Present

- Developed schedule creation tool using C#
- Use of Object-Oriented Programming to assist in creation of student employee schedule for the SLC at RIT

### Network Load Balancer

*Advanced Routing and Switching*

January 2024 – May 2024

- Created a Content Delivery Network by configuring a Domain Controller and a Network Load Balancing Cluster
- Configured a Domain Controller with Active Directory and DNS, two Load Balancing Hosts, and four client machines
- Wrote a Python script to compute Load Balancing Cluster website response metrics
- Ran multiple experiments using varying Load Balancing Cluster configurations and wrote results report

### Packet Capture Analysis Tool

*Task Automation Using Interpreted Languages*

April 2023 – May 2023

- Developed a Network Packet Analysis Tool using Python
- Filtered Network Packet Captures, parsed hexadecimal data, and computed metrics
- Computed per node, including Echo Reply and Request data, time, and distance metrics

## Work Experience

### Hale-Andrews Student Life Center

Rochester Institute of Technology

*Recreation Supervisor*

December 2023 – Current

- Personally selected to create schedule for Recreation staff
- Assist daily operations and management
- Supervise Recreation staff

*Recreation Attendant*

January 2022 – Current

- Greet patrons, monitor access, loan equipment from CAGE, and sell guest passes
- Balanced working with a full-time academic schedule

### ACME Markets

Media, PA

*eCommerce In-store Shopper*

February 2021 – December 2021

- Accessed eCommerce portal to retrieve orders
- Shopped eCommerce orders using handhelds, bagged items, and scanned to totes
- Scanned out totes, brought them to customers' cars, and loaded orders into vehicle

## Leadership & Activities

### Boy Scouts of America Troop 605

Wallingford, PA

*Eagle Scout*

December 2021

- Achieved the highest rank of Eagle Scout

### FIRST Robotics Team #486

Strath Haven High School

*President*

May 2018 – May 2020

- Represented the team at all events and worked closely with team sponsors