# ANDREW SIMONSON

## Seeking co-op or internship in Computer Science or Data Science for 2023

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## PROJECTS

### AnalyzeRIT   | Project Coordinator | ◯ Imagine2023
- Project Coordinator for the Computer Science House project at the ImagineRIT2023 Festival
- Tracks Imagine Festival status via distributed signal strength

### Slate   | ◯ Slate     | 🌐 slate.csh.rit.edu
- Event coordination web service
- Links calendars to CSH member profiles
- Returns combined calendar with participant availability weights

### OccupyRIT   | ◯ Occupy-RIT     | 🌐 jim.cs.house
- Webapp visualizing RIT gym occupancy data
- Data scraped from public facilities website
- Analysis Ongoing

### NationsGame Rolls Simulator   | ◯ NG-Rolls-Simulator
- A NationsGame competition simulator for division predictions and statistical analysis
- Uses undocumented NG-API to return processed player data
- Written in Python, added JS port for Discord.js bot integration

## ACTIVITIES

### Computer Science House
**2022-23 Ad Hoc Director | 🌐 csh.rit.edu**

📅 May 2021 - Present          📍 Rochester Institute of Technology

- Living and learning community emphasizing hands-on learning and a strong social atmosphere
- Member-led seminars and major project requirements

### FinTech
**Founding Developer and Current Lead | 🌐 ritfma.com**

📅 September 2021 - Present          📍 Rochester Institute of Technology

- Derived from the RIT Financial Management Association
- Dedicated to learning about and creating automated equity management solutions, developed by students
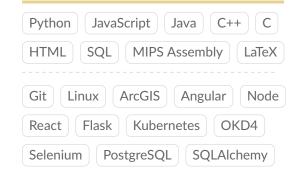
### BHS VEX Robotics
**President and Team Lead**

📅 2015-2021          📍 Boonsboro High School

- Organization to design, build, and program VEX robots
- Competes in the annual Region VEX Robotics Competition

## SKILLS

Python   JavaScript   Java   C++   C
HTML   SQL   MIPS Assembly   LaTeX

Git   Linux   ArcGIS   Angular   Node
React   Flask   Kubernetes   OKD4
Selenium   PostgreSQL   SQLAlchemy

## EXPERIENCE

### Kitchen Staff
**Pretzel and Pizza Creations**

📅 April 2021 – August 2021
📍 Hagerstown, MD

Worked part-time as a chef with a team to manage and fulfill orders and manage active ingredient supply.

### Election Official
**Washington County Board of Elections**

📅 August 2020 – December 2020
📍 Hagerstown, MD

Trained in voter registry operations and provisional voting for the 2020 US Presidential Election.

## EDUCATION

### Rochester Institute of Technology
**Computer Science B.S.**

📅 Expected Graduation: May 2025
📍 Rochester, New York

Second Year Student
Third Year Standing
**GPA: 3.5**

### Boonsboro High School
**Graduated with highest honors**

📅 Sept 2016 – June 2021
📍 Boonsboro, Maryland

National Honors Society, Academic Team, Physics Olympics, Academy Program
**GPA:** 4.2 (weighted out of 5)
**SAT:** 1500 (out of 1600)