

ANDREW SIMONSON

Seeking co-op or internship in Computer Science or Data Science for Spring 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

Minor in International Relations

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)