ANDREW SIMONSON

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

@ asimonson1125@gmail.com   ✆ (240)-707-1486   ⊕ asimonson.com   in simonsonandrew   ⌗ asimonson1125

PROJECTS

AnalyzeRIT | Project Coordinator | ⌗ Imagine2023

- Project Coordinator for the Computer Science House project at the ImagineRIT2023 Festival
- Tracks Imagine Targets via Bluetooth Low Energy signal strength

---

Slate | ⌗ Slate | ⊕ slate.csh.rit.edu

- Event coordination web service using Flask, Websockets
- Links calendars to CSH member profiles with LDAP and SQLAlchemy
- Returns combined calendar with participant availability weights

---

OccupyRIT | ⌗ Occupy-RIT | ⊕ jim.cs.house

- Webapp visualizing RIT gym occupancy data in Flask
- Data scraped from public facilities website via webdriver
- 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

Voting Member and 2022-23 Imagine 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   HTML
C++   C   SQL   LaTeX   MIPS Assembly

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

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.

📅 August 2021 - 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

📅 September 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)