ANDREW SIMONSON

Senior seeking co-op or internship in Computer Science or Data Science for Summer/Spring 2024

@ asimonson1125@gmail.com

) (240)-707-1486

asimonson.com

in simonsonandrew

asimonson1125

EMPLOYMENT

Computer/Information Research Scientist

Co-op with Dow Chemical

i January 2023 - May 2023

- Lake Jackson, TX
- Developed data processing tools for Reactive Chem analysts
- Designed abstract report generation pipeline
- Restored data integrity practices

Kitchen Staff

Pretzel and Pizza Creations

April 2021 - August 2021

Hagerstown, MD

Election Official

Washington County Board of Elections

PROJECTS

- Custom arcade cabinet designed for developers
- Devcade Core member
- Built website and api implementation, connecting game uploads to cabinet

RIT FinTech | # ritfma.com

- Founding Developer and current lead
- Derived from the RIT Financial Management Association
- Dedicated to learning about and creating automated equity management solutions, developed by students

Slate | • Slate

- | **(** slate.csh.rit.edu
- Event coordination web service using Flask, Websockets
- Links calendars to CSH member profiles with LDAP + SQL
- Returns combined calendar with participant availability weights

OccupyRIT | • Occupy-RIT



- 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

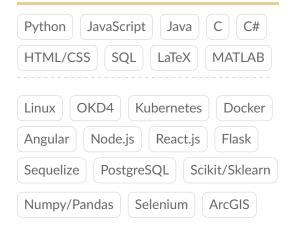
EDUCATION

Rochester Institute of Technology Computer Science B.S.

- Anticipated: December 2024
- Rochester, New York

Fourth Year Standing Minor in International Relations **Dual Cluster in Data Management and AI**

SKILLS



ACTIVITIES

Computer Science House

- 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

BHS VEX Robotics

President/Team Lead

- **2015-2021**
- Boonsboro High School
- Organization to design, build, and program VEX robots
- Competes in the annual regional VEX **Robotics Competitions**
- Administration holds record for highest state ranking for BHS