

ANDREW SIMONSON

Third year 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 phone density via Bluetooth Low Energy signal strength
- Provides analysis for busiest booths and hallway choke points

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

EDUCATION

Rochester Institute of Technology

Computer Science B.S.

 August 2021 - May 2025

 Rochester, New York

Third Year Standing

Minor in International Relations

GPA: 3.5

SKILLS

Python JavaScript Java C++

C HTML CSS SQL LaTeX

Processing/P5.js MIPS Assembly

Git Linux Kubernetes OKD4

Angular Node React Flask


Sequelize Selenium PostgreSQL

SQLite ArcGIS Docker

EXPERIENCE

Kitchen Staff

Pretzel and Pizza Creations

 April 2021 - August 2021

 Hagerstown, MD

- Worked part-time as a chef with a team
- Managed active ingredient supply and full-filled orders

Election Official

Washington County Board of Elections

 August 2020 - December 2020

 Hagerstown, MD

- Ran Voting Center for the 2020 US Presidential Election
- Trained in voter registry operations
- Specialized in provisional voting