ANDREW SIMONSON

Seeking co-op or internship in Computer Science or Data Science for the summer and fall of 2023

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PROJECTS

AnalyzeRIT | ○ Imagine2023

Leader for the ongoing project with the Computer Science House to track the 2023 ImagineRIT festival via distributed system signal strength.

Python | SciPy | APIs | SQL

Slate | ○ Slate | 🌐 slate.csh.rit.edu

Event coordination web app that compiles participant calendar data and presenting statistics on the times with the best availability scores. Service is live for Computer Science House members.

Python | Flask | LDAP | SQL | OAuth2 | JavaScript

NationsGame Rolls Simulator | ○ NG-Rolls-Simulator

A NationsGame competition simulator for division predictions and statistical analysis, originally written in Python, ported to JavaScript for use in Discord bots. Uses Discord.js and an undocumented NG-API to return processed player data to user.

Python | JavaScript | Node.js | APIs

ACTIVITIES

Computer Science House | 🌐 csh.rit.edu

Active Member

📅 May 2021 - Present | 📍 Rochester Institute of Technology

A living and learning community with an emphasis on hands-on learning and a strong social atmosphere. CSH helps its members grow as professionals with a focus on learning from each other through seminars and a yearly major project requirement.

FinTech

Founding Member/Dev

📅 September 2021 - Present | 📍 Rochester Institute of Technology

A group derived from the RIT Financial Management Association dedicated to learning about financial management of equities using automated solutions developed by students.

BHS VEX Robotics

President and Team Lead

📅 2015-2021 | 📍 Boonsboro High School

An organization to design, build, and program robots to compete in the annual VEX Robotics Competition at Boonsboro High School.

SKILLS

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

Git | Linux | ArcGIS | Angular | Node
React | Flask | Web Scraping | OKD4
Kubernetes | 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 pro-visional voting for the 2020 US Presidential Election.

EDUCATION

Rochester Institute of Technology

Computer Science B.S.

📅 Expected Graduation: May 2025
📍 Rochester, New York

Third Year Standing
GPA: 3.5

Boonsboro High School

📅 Sept 2016 – June 2021
📍 Boonsboro, Maryland

Graduated with highest honors
GPA: 4.2 (weighted out of 5)
SAT: 1500 (out of 1600)