ANDREW SIMONSON

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

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PROJECTS

Slate | ⌂ Slate | 🌐 slate.cs.house

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` `Jinja` `JavaScript` `SQL` `OAuth2`

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`

AnalyzeRIT | ⌂ Imagine2022

Ongoing project with the Computer Science House to track and profile participants of the 2022 ImagineRIT festival via distributed system signal strength. Currently leading the Analytics Group, which focuses on profiling users based on their device location data.

`Python` `SciPy` `APIs` `SQL`

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`
`SQLite` `Sequelize` `SQLAlchemy` `LaTeX`
`Object-Oriented Programming` `HTML/CSS`

`Git` `Linux` `Raspberry Pi` `Angular`
`Node.js` `Flask` `Statistical Analysis`
`DOM Scraping` `APIs` `React.js` `Jinja`

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

Freshman in Second Year Standing
GPA: 3.84

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)