

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

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

Third Year Standing

GPA: 3.4

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)