

ANDREW SIMONSON

Seeking co-op or internship in data science or similar field for the summer of 2022

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simonsonandrew

PROJECTS

Slate |  Slate

A web app designed to help event coordinators schedule events by congregating participant calendar data. Uses Google Calendar API endpoints for input and Flask as the web framework to interact with end user.

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 Shell
Object-Oriented Programming HTML/CSS

Git Linux Raspberry Pi LaTeX
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)