Austin Sisinni

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Education

Florida Institute of Technology　　　　May 2022

B.S. Computer Science, GPA 3.06

CS Coursework: Algorithms & Data Structures, Networks, Operating Systems, Formal Languages and Automata Theory, Software Design Methods, Computer Architecture and Assembly, Intro to AI, Human Factors, Intro to Software Engineering

Skills

Languages: Python, R, C, C++, Java, HTML, CSS, JavaScript, Bash
Technologies: Git, Visual Studio, Eclipse, Linux, Windows, R Studio, PyCharm, Arduino
Skills: Scientific and Technical Writing, 3D modeling, Drafting, Adobe Suite, Network Maintenance and Creation, Recruitment, Leadership

Experience

Chem-Free Solutions　　　　Nov 2020 - Current

Computer Science Intern

- Developed front and back end of corporate website.
- Contributed to development of embedded systems for sanitation devices.

SymPy Open Source Project　　　　Aug 2020 - Current

Contributor

- SymPy is a Python library for symbolic mathematics. Utility ranges from simple algebraic expressions to complex multivariable calculus.
- Modified erroneous pointers in the Stochastic Processes class to prevent the Discrete Markov Chain function from crashing for specific input.

Speed-Reader Open Source Project　　　　Aug 2020 – Current

Contributor

- Developing a file reading system to enhance reading speed for users.
- Developed file reader to convert various types of data into text/string format.
- Building front end for both web and stand-alone environments.

ARES: Project RRADS　　　　May 2020 – Oct 2020

Project Manager

- RRADS is a delivery/data collection system for collecting atmospheric data in the Martian atmosphere.
- Responsible for overseeing project development and maintaining project infrastructure.

Florida Institute of Technology　　　　Aug 2018 - May 2019

Classroom Technician

- Provided continuous maintenance and improvements to campus instructional technology and infrastructure.
- Received training in corporate systems monitoring for tickets of technical issues.