Katherine Smirnov

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Technical Skills

- **Languages**: Python, Java, C, C++, PowerShell, Julia
- **Familiar With:** Html, JavaScript, SQL
- **Operating Systems:** Windows, Linux
- **Developer Tools:** Git, Github

EXPERIENCE

Software Engineer Intern   Sep 2022 – Present
Humana
- Creating PowerShell scripts to modify and move SharePoint list data
- Created a Power App to allow associates to easily log project progress to a SharePoint list
- Constructed business reports to highlight potential project risks using Power Bi

IT Intern   June 2022 – Aug 2022
Humana
- Generated business reports to track the development of projects using Azure, ServiceNow and Power Bi
- Constructed Power Automate flows to automatically generate emails and create Azure work items
- Managed SharePoint site to create an inter-team resource

Projects

Work Schedule Builder   2023
Python
- Used constraint programming techniques to search for the best-fit work schedules dependent on the students' school schedules.
- Expedited work schedule building from 4 hours to just a few minutes.

Apartment Finder Web Scraper   2022
Python
- Utilized Beauty Soup Python and GET to extract data about apartments around my college campus.
- Tracked data in a CSV file, and displayed apartments to the console which were newly added.

Snake   2020
Java
- Recreated the 'Snake' game using Java Swing to construct the GUI

EDUCATION

University of Oregon   SEP 2021 - June 2024
Bachelor of Science, Mathematics, Computer Science   Eugene, OR
- GPA: 3.91
- Computing Coursework: Algorithms, Data Structures, Computer Organization, Intro to AI, Computational Science, C/C++ and Unix, Software Methodologies, Operating Systems
- Math Coursework: Discrete Math, Statistical Models, Linear Algebra, Calculus, Multi-variable Calculus, Mathematical Cryptography