Devin Smith . Jarvis Consulting

Greetings, my name is Devin Smith and I am a recent graduate from Memorial University of Newfoundlands Computer Engineering program. I have always been interested in technology, starting with video games as a child. I have since gained interest in 3D modeling, statistical modeling and AI applications. I am a fan of competitive games, and enjoy game theory. My other hobbies include model building, and tabletop games, like Mahjong.

Skills

Proficient: Java, Python, Linux/Bash, Agile/Scrum, Git

Competent: RDBMS/SQL, C/C++, VHDL, Angular, Docker

Familiar: Springboot, MacOS, Windows, Javascript, ferm

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_DevinSmith

Cluster Monitor [GitHub]: The Cluster Monitor project measures resource usage by different nodes connected within a Linux Cluster. This was done using Docker to containerize a PostgreSQL instance, and bash scripts which were used to automate data collection into the databases tables using crontab.

Core Java Apps [GitHub]:

- Twitter App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- JDBC App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- Grep App: The grep app is designed to emulate the grep command line utility. It was built in java, written through VSCode and then dockerized for easy deployment.

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Communication Subsystem for the Killick-1 Satallite [GitHub]: Assisted in the development of the communications subsystem on the Killick-1 sea ice measurement satellite, using C.

Professional Experiences

Software Developer, Jarvis (2023-present): Developed an app for measuring resource usage by nodes in a Linux Cluster using Docker, PostgreSQL, and Bash commands. Working on a SQL project currently.

Research & Development, C-Core (September 2021 - December 2021): Created and tested VHDL code for the Killick-1 satellites sea ice measurement technique, 'Delayed Doppler Imaging'. Joined daily scrums and weekly full team meetings.

Full Stack Developer, Innovative Development & Design Engineers Ltd. Newfoundland (2020): Created an online form generation tool using Python and Angular. Created a testing GUI using the TKinter. Created an applet to connect to the Google Maps API for measuring property boundaries

Education

Memorial University of Newfoundland (2017-2022), Bachelor of Applied Sciences, Computer Engineering, Department Engineering and Applied Sciences - GPA 3.5/4.0

Miscellaneous

- List of items
- Winner
- Basketball player
- Competitive gaming
- Volunteer, ABC Food bank: Ut enim ad minim veniam