

Milen John

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Objective

Seeking a full-time position in the field of Computer Science after graduation in May 2023.

Education

Virginia Tech, Blacksburg, VA

B.S., Computer Science (Data-Centric), GPA: 3.5/4.0

Minor in Finance and Cybersecurity

Citizenship: United States

Expected graduation: May 2023

Technical Knowledge

Proficient in: Java | Python

Familiar With: Data Analysis | Agile | JavaScript | AWS | DevOps | Automated Testing | Kubernetes

Operating Systems: Windows | Mac OS | Linux (Ubuntu, Fedora)

Other Tools: Jira | Confluence | Git

Relevant courses: Computer Org and Architecture | Data Structures | Cloud Software Development

Leadership Experience & Achievements

- Technology Help at Senior Center, Tech Lead (August 2018 - March 2019)

Research Experience

CS Teaching Research, Virginia Tech

August 2019 - Present

Undergraduate Researcher for Professor Mohammed Farghally

- Helped create a teaching interface for students in data structures computer science course
- Used JavaScript, HTML, and CSS to create visualizations to help with the learning process
- Made a Ruby on Rails web application to visualize the analyzed student data

Professional/Work Experience

Raytheon Technologies, Reston, VA

May 2021–Aug 2022

Software Engineering Intern

- Created and helped sustain a software suite of services that was used by the Air Force
- Worked with a consortium of companies for the Air Force
- Supported various groups such as cyber, software development, and management

Iridium Satellites, Tysons Corner, VA

May 2020–July 2020

Software Engineering Intern

- Created and trained a machine learning model to help predict errors with satellite products using a classification algorithm
- Worked with various groups such as software development, finance, and cyber
- Analyzed years' worth of data to feed into model using pycaret and various other libraries

JPMorgan Chase & Co, Virtual Experience

May 2020 – June 2020

Technology Intern

- Created an interface with a stock price data feed and set up a system for data analysis
- Implemented the Perspective open source code for data visualization
- Use Perspective to create the chart for the trader's dashboard

Applica Solutions Inc, Herndon, VA

April 2019 – June 2019

Technology Intern

- Assisted with the development and testing of a portal to support its customer, USO
- Portal functioned like an online market place and provides USO procurement the ability to order furniture