

Parsa Divanbeigi

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## Objective

Seeking a challenging co-op position in the intersection of computer science and manufacturing, leveraging my skills in software development to contribute innovative solutions and gain valuable industry experience.

## Education

Missouri University of Science and Technology

Dec 2026 **B.S.**

### Computer Science

**GPA: 3.8/4.0**

Courses:

- |                             |                       |                    |
|-----------------------------|-----------------------|--------------------|
| -Data Structures            | -Discrete Mathematics | -C++ Programming   |
| -Python Programming         | -Digital Logic        | -Databases         |
| -Theory of Computer Science | -Micro Controllers    | -Operating Systems |

## Experience

Hunter Engineering Company

St. Louis, MO

### Data Science Co-op

June 2024 – Jan 2025

- Developed dynamic front-end applications with ReactJS and implemented scalable back-end solutions in Python.
- Managed complex Microsoft SQL Server, optimizing queries for performance and efficiency.
- Executed data annotation for machine learning, aiding in precise model training and deployment.
- Enhanced application performance through rigorous debugging, code optimization, and foundational understanding of TensorFlow.

Lambda Chi Alpha Fraternity – Missouri University of Science & Technology

Rolla, MO

### Network Administrator

Jan 2024 – Current

- Developed scripts for mass messaging and advertising scholarship applications to incoming students of Missouri S&T
- Maintained the chapter house's networking system.
- Updated the mstlca.org website to prepare for recruitment and public relations.

Missouri University of Science & Technology

Rolla, MO

### Student IT Assistant – IT Department

March 2023 – Current

- Enhanced, delivered, and packaged applications to campus machines using AppsAnywhere
- Developed Automation Scripts using Autolt PowerShell and Visual Basic to activate the license for applications
- Operated Virtual Machines using Microsoft System Center Virtual Machine Manager for development and testing environment

## Skills

- |           |             |                     |                             |
|-----------|-------------|---------------------|-----------------------------|
| -Python   | -SQL        | -Fast API           | - Jira Software             |
| -C++      | -Git        | -Pandas             | -Graphic Design             |
| -Node.JS  | -Linux      | -Microsoft Azure    | - Communication             |
| -React.JS | -TensorFlow | -Project Management | -Bilingual: Farsi & English |

## Honors & Activities

- Lambda Chi Alpha Fraternity – St. Patrick's Competition Games Chairman
- Lambda Chi Alpha Fraternity – Social Media Chairman
- Missouri University of Science and Technology – Cheerleader
- Missouri University of Science and Technology – Mascot