

Jordan Newport

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Education

Colorado School of Mines, Golden, CO	M.S. December 2020
Major: Computer Science	GPA 4.0
Colorado School of Mines, Golden, CO	B.S. December 2019
Major: Computer Science	GPA 4.0

Skills

C++, Java, Python, C, Go, Linux, Git, LaTeX, Agile

Experience

HP Inc.: Software Engineer--C++	Jan 2021- Present
<ul style="list-style-type: none">• Implement low-level Linux authentication, certificate checking in C++• Design architecture for reusable Linux authentication library• Fix UI and internal bugs in cross-platform (Windows, Mac, Linux) Qt application• Create Azure DevOps pipelines for continuous integration/continuous delivery	
HP Inc.: Linux OS Software Engineering Intern--C++	May-Dec 2020
<ul style="list-style-type: none">• Implement test of low-level system power management in C++• Coordinate with development team and users to maintain software quality• Advise on future improvements and approaches for more comprehensive testing	
CS@Mines: CSCI 101/Intro to Computer Science Instructor	Jan-Dec 2020
<ul style="list-style-type: none">• Lecture section of 50 undergraduates• Teach important foundational CS concepts• Provide assistance and feedback to beginning Python programmers• Fall 2020 evaluation: 4.28/5; institutional average 4.21/5• Spring 2020 evaluation: 3.89/5; institutional average 4.20/5	
CS@Mines: Irrigation with Internet of Things—C++, Python	Sept 2018-Dec 2019
<ul style="list-style-type: none">• Implement radio networking, sensor use for Arduinos with XBee radios in C++• Communicate with remote nodes and interpret sensor data in Python• Deploy Arduinos equipped with radios and sensors at test bed• Coordinate team of 3 to maintain project	

Activities and Awards

Outstanding Graduating M.S. Student	Dec 2020
Mines Linux User Group: Secretary, Vice President	Aug 2017-Present
Mines Association for Computing Machinery: Secretary	Jan 2018-Present
High Grade Literary Journal: Fiction Editor	Aug 2017-Present
Tau Beta Pi	Nov 2018-Present
Dean's List	Dec 2017-Dec 2020