

Turner Burchard

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WORK EXPERIENCE

Data Engineer Intern

Brightvine

January 2022 - Present

- Built protocol buffers for mortgage securitization
- Created database systems from scratch

Teaching Assistant

Montana State University

August 2021 - Present

- Held classes for chemistry and data science
- Tutored 30+ students per class

IT Risk Management Intern

D.A. Davidson

June 2019 - August 2021

- Managed vendors and proxy for 3000 employees
- Automated 70% of compliance reviews
- Trained in InfoSec and Finance

Undergraduate Research Scientist

Wiedenheft Lab

Fall 2020 - Spring 2021

- Developed modeling of COVID-19 with Python
- Improved CRISPR array algorithm in Perl

AWARDS

- President's List (2020-2022)
- Presidential Scholar (2020-2022)
- National Merit (2020)
- AP Scholar with Distinction (2020)
- Excellence in Education (2020)
- Outstanding Math (2019)

OBJECTIVE

Computer science major focused on improving the efficiency and beauty of modern data. Looking for an environment where I can continue to grow alongside talented developers.

TECHNICAL SKILLS

- Skilled: Java, C++, Python, Git
 - Competent: Go, Bash, C, Latex
 - Learning: SQL, HTML, CSS, Perl, Protobufs
 - 90 WPM, Cisco, McAfee, Splunk, Exchange
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EDUCATION

Montana State University | 2020-2024

B.S. Computer Science, Data Science minor

- 4.0 GPA, Presidential Scholar, Honors College
- ACM Treasurer

Great Falls High School | 2016-2020

4.0 GPA, Rank 1/252, 35 ACT

- President: Student Council, Speech and Debate.
- Officer: DECA, NHS, Band, School Board