

# Turner Burchard

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## EDUCATION

### Montana State University

Bozeman, MT | 2020-2024

B.S. Computer Science - Professional | 4.0 GPA | Honors College | Presidential Scholar

- Minors in Math and Data Science
- Coursework - Java, Python, C, Data Structures and Algorithms, Honors Calculus, Linear Algebra, Data Science, Web Design, Honors Chemistry, Honors Seminar.
- Honors Chemistry TA, Association for Computing Machinery, Outdoors Club, United Nations Association

### Great Falls High School

Great Falls, MT | 2016 - 2020

4.0 GPA | Rank: 1/252 | 35 ACT

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

## TECHNICAL SKILLS

- Proficient in: Python, Java, C, HTML, CSS, Git, Bash, Latex, 90 WPM.
- Exploring: Linux, Matlab, SQL, Perl, C++, Hardware, and more.
- Information Technology: Microsoft Office, Cisco, McAfee Networking, Splunk, Exchange, InfoSec.

## EXPERIENCE

### D.A. Davidson | IT RISK INTERN

Great Falls, MT | June 2019 – Current

- Set up computers, performed vendor due diligence, and managed network proxy for 3000+ employees.
- Used automation to reduce time of compliance reviews by over 70%.
- Received comprehensive training for work in Information Technology and Finance.

### Wiedenheft Lab | UNDERGRADUATE RESEARCH SCIENTIST

Bozeman, MT | Fall 2020 - Spring 2021

- Helped develop algorithmic COVID-19 modeling with MATLAB and Python.
- Worked on improving CRISPR array finding algorithm in Perl.
- Ran and designed lab website with HTML and CSS.

### Great Falls Public Library | YOUTH SERVICES VOLUNTEER

Great Falls, MT | 2018

- Worked with kids on tasks such as art projects more than once a week.
- Helped coordinate the planning of library programs.

### D.A. Davidson | SCANNER

Great Falls, MT | June 2017 – December 2018

- Scanned, verified, and managed documents for the operations department.
- Worked full time for two summers and part time during two school years.

### Montana Democrats | CANVASSING VOLUNTEER

Great Falls, MT | Summer 2016 - Summer 2020

- Discussed politics with voters and recruited volunteers during the summers.
- Worked in an office making calls, as well as walking door-to-door to meet voters.

### Great Falls Symphony | MUSICIAN

Great Falls, MT | Spring 2017

- Paid bassoonist for symphony performances with weekly rehearsals.

## AWARDS

- President's List (2021), National Merit (2020), AP Scholar with Distinction (2020), Excellence in Education (2020), Outstanding Math (2019).