

Turner Burchard

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EDUCATION

MONTANA STATE UNIVERSITY

Bozeman, MT | 2020-2024

4.0 GPA | Honors College | Presidential Scholar

- Bachelor of Science in Computer Science
- Minors in Math and Data Science
- Coursework - Calculus, Computer Science, Chemistry, Honors Seminar, Web Design
- 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

- Speech & Debate — President, winner of multiple state tournaments
- Band & Youth Orchestra — Principal of all-state orchestra, section leader, awarded soloist
- Clubs - Student Council (President), DECA (1st Place), Leadership High School, Academic Worldquest, Principal's Cup (2nd Place), National Honors Society (Treasurer), Representative to the School Board.
- Advanced courses: Calculus, Statistics, Chemistry, English, Economics, Biology, Physics, Data Science.

EXPERIENCE

WIEDENHEFT LAB | UNDERGRADUATE RESEARCH SCIENTIST

Bozeman, MT | October 2020 - Current

- 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.

D.A. DAVIDSON | IT RISK INTERN

Great Falls, MT | June 2019 - August 2019

- Improved company compliance reviews to much faster speeds using automation.
- Set up and moved computers for various departments.
- Received comprehensive training for work in Information Technology and Finance.

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.

SKILLS

- Technology: Python, MS Office Suite, G Suite, Git, Java, HTML, CSS, Exploring SQL, Perl, Linux, Matlab.
- Public Speaking, Organization, Research, Tutoring, Writing, Communication, Leadership, 90 WPM.

AWARDS

- President's List, AP Scholar with Distinction, Outstanding Math, Excellence in Education, National Merit