**Jake Horstmann**

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**PROFILE STATEMENT**

Passionate and insightful physics major with a desire to transition into the data science industry. Experienced in writing programs in python to explore data and draw conclusions from the information gained; as well as working on interdisciplinary teams to solve problems

**EDUCATION**

Montana State University, Bozeman, MT *August 2019 - CURRENT*

Bachelor of Science in Physics (GPA: 3.84) *Expected Graduation: May 2022*

Minor in Mathematics

Green River College, Auburn, WA *September 2018 – June 2019*

Running Start – spent my senior year of high school taking classes at a local college

**SKILLS & PROFICIENCIES**

* Python (Pandas, NumPy, Scikit-learn) Java (Object-oriented programming)
* SQL (Querying) Quick learner
* Problem-solving Strong communication

**RELEVANT PROJECTS**

Undergraduate Research *May 2020 - CURRENT*

* 2 years of experience collecting hands-on data and analyzing Van der Waals materials
* 1 year of experience handling spectroscopic analysis of stars in large astronomy data sets

NASA Proposal Writing and Evaluation Experience *May 2021 – July 2021*

* 12-week program
* Collaborated with a team to turn an idea into a competitive proposal submitted to NASA
* Participated in the grading and evaluation of other teams proposals

Mission Concept Academy *September 2020 – November 2020*

* Intense 12-week program
* Worked with a team to design a conceptual lander to study Saturn’s moon Enceladus
* Formulated a 72-page preliminary design review as a final product

**WORK HISTORY**

Mathematics Tutor *August 2020 – CURRENT*

Montana State University, Bozeman, MT

Helped students develop the ability to understand a problem, choose a plan of action, and complete that plan so that they become independent of the mathematics tutor center

Culinary Services *November 2019 – January 2020*

Montana State University, Bozeman, MT

Worked with a large team in a fast-paced environment to deliver food safely and consistently to consumers