William V. Jardee

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EDUCATION	**Ph.D. in Computer Science**	*Aug 2022 - Present*

Montana State University, Bozeman, MT

B.S. in Physics — *Aug 2018 - May 2022*
Montana State University, Bozeman, MT — GPA: 3.81/4.0
- Summa Cum Laude
- Honors Highest Distinction
- Phi Kappa Phi Honors Society
- Minors in Computer Science and Mathematics

RELEVANT COURSES AND TECHNICAL SKILLS

Languages
- Coding: Python, Java, C/C++
- Mathematical Analysis: Matlab, Mathematica, Excel
- Communication: Git/GitHub, LaTeX, HTML, CSS, Markdown

Computer Science
- Adv. Artificial Intelligence *(CSCI 546)* — *In Progress*
- Computational Geometry *(CSCI 534)* — *In Progress*
- Machine Learning *(CSCI 547)*
- Artificial Intelligence *(CSCI 446)*

Mathematics
- Analytic and Approximate Differential Equations
- Operator Algebra
- Linear Algebra *(M 333)*
- Dynamical/Chaotic Systems *(M 454/455)*
- Computation Theory *(CSCI 538)*
- Index/Einstein Notation
- Metric Calculus

Physics
- Intro to General Relativity *(PHSX 491)*
- Observational Astronomy *(PHSX 491)*
- Quantum Mechanics *(PHSX 461/462)*
- Elementary Particle Physics *(PHSX 451)*
- Statistical Mechanics *(PHSX 446)*

Communication and Leadership
- Seminar: Worldbuilding *(HONR 494)*
- Leadership for Future STEM Professionals *(HONR 491)*

TEACHING EXPERIENCE

Hillman Scholars Tutor — *Jul 2021 - May 2022*
Allen Yarnell Center for Student Success; MSU, Bozeman

Math Stats Center Tutor — *Aug 2021 - May 2022*
Mathematics Dept.; MSU, Bozeman

Proctor/Grader (PHSX 207) — *Jan 2021 - May 2021*
Physics Dept.; MSU, Bozeman

Student Lab Assistant (PHSX 205) — *Aug 2020 - Nov 2020*
Physics Dept.; MSU, Bozeman

Smarty Cats Tutor — *Aug 2019 - May 2020*
Allen Yarnell Center for Student Success; MSU, Bozeman

Volunteer STEM Tutor — *Oct 2019 - Mar 2020*
The Rock Youth Center; Bozeman, MT

RESEARCH EXPERIENCE	**Graduate Researcher**	*Aug 2022 - Present*

Numerical Intelligent Systems Laboratory; MSU, Bozeman
In Cooperation with RESONON Hyperspectral Imagine Solutions

	Undergraduate Researcher	*Aug 2020 - Dec 2020*

Dr. John Sample's Lab; MSU, Bozeman

Undergraduate Researcher   *Jan 2020 - Apr 2020*
Dr. Rufus Cone's Lab; MSU, Bozeman

MISC. EXPERIENCE   **SPS Treasurer**   *Feb 2020 - Jan 2022*
Society of Physics Students at Montana State University, Bozeman

AWARDS AND GRANTS   **Benamin Fellowship**   *Sept 2022*

Dept. Physics Outstanding Graduating Senior   *Apr 2022*

Physics Departmental Scholarship
Norman Mac Rugheimer Scholarship   *Aug 2021, Jan 2022*
Asbridge Physics Scholarship   *Aug 2020*

Montana University Systems Scholarship   *May 2018*

Bertha Feaster Scholarship   *May 2018*

POSTERS AND PRESENTATIONS   **MSU Relativity and Astrophysics (RelAstro) Seminar**
Introduction to Data Exploration with Machine Learning   *Nov 2022*

MSU Guest Lecturer
Introduction to Python Seminar: Building Neural Networks   *Nov 2022*

MSU Student Research Celebration
Rule Extraction from a Random Forest   *May 2022*

SPS Undergraduate Colloquium
How to Teach Yourself to Code   *Nov 2022*
RREA Propagation Theory   *Oct 2021*
The Better Poster Design   *Feb 2021*
Teaching Yourself Computer Languages   *Feb 2021*
Introduction to Python   *Feb 2021*
The Basics of Climate Physics   *Sept 2020*

OUTREACH   **Montana Science Center**
Summer Camp; Volunteer Counselor   *Jun 2022 - Jul 2022*
Science After Dark; Event Volunteer   *Oct 2022*
Pride in STEM; Event Volunteer   *Nov 2022*

Museum of the Rockies
Grossology; Event Volunteer   *Oct 2021*

Society of Physics Students
Liquid Nitrogen Ice Cream; Organizer   *Oct 2021*
Careers in Industry Panel; Moderator   *Mar 2021, Oct 2020*

Accessibility should be the default, not an afterthought. For this reason, I have chosen to use Atkinson Hyperlegible as the font for this document. The font was specially designed to help people with low vision and has undergone many iterations, always improving the experience for people with vision impairment and people who enjoy pretty fonts. For people who want to look into helping people with processing disorders like dyslexia, look into the research-driven, open-source project Open Dyslexic.