# GAVIN EDDINGTON

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## EDUCATION

**Utah State University | Logan, UT | May 2023**

Bachelor of Science in Computer Science (GPA: 3.95)
Bachelor of Science in Mathematics & Statistics (GPA: 3.95)

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## EXPERIENCE

**Software Engineer Intern | Autonomous Solutions, Inc**          February 2023 - May 2023
- Collaborated with cross-functional teams to develop and implement software features for autonomous vehicle solutions
- Developed and executed test cases to validate the functionality and performance of software

**Computer Science Coach | Utah State University**          August 2021 - February 2023
- Analyzed and debugged code in multiple languages for students at various skill levels
- Provided one-on-one tutoring in Computer Science topics such as Web Development, Data Structures, Algorithms, and Software Development

**Web Developer Intern | RR Donnelley**          March 2022 - August 2022
- Participated in scrum meetings to analyze and estimate upcoming changes
- Developed web applications using techniques that adhered to established coding standards
- Created unit test plans and scripts for feature validation

**Research Assistant | Utah State University - Dr. Ian Anderson**          March 2021 - August 2022
- Enhanced the utility of the DifferentialGeometry Package for Maplesoft
- Conducted research on the classification of Rank-2 Distributions in 5-dimensional space
- Optimized differential geometry computations on Maplesoft by parallelizing calculations

**Recitation Leader | Utah State University**          January 2020 - August 2021
- Instructed collegiate-level math classes with up to 70 students
- Collaborated with university professors to develop and implement comprehensive lesson plans in mathematics

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## SKILLS & LANGUAGES

- Distributed Version Control (Git)
- Software Development Cycle
- Parallel Computing (C/C++)
- HTTP Communication
- Reinforcement Learning (Python)
- SQL Scripting (MS SQL Server)
- Supervised/Unsupervised Learning
- Java

- Python
- R
- C/C++ (CUDA)
- SQL
- C# (.NET)
- Javascript (Angular, Node, Bootstrap)
- SAS
- Linux