

Parker Carlson

Inquisitive student with strong interpersonal and leadership skills seeking an internship as a Data Scientist or ML Engineer.

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EDUCATION

Honors B.S. Computer Science

Oregon State University

June 2023

- Concentration: Artificial Intelligence · 3.98 / 4.0 GPA
- Mathematics minor · French minor

EXPERIENCE

Research Assistant

Oregon State University

November 2019–Present

- Conducted machine learning experiments using Pandas, SK-Learn, and TensorFlow
- Engineered recurrent neural networks with TensorFlow to process sample-level audio
- Designed an audio-based machine learning tutorial for research lab members
- Created explanatory graphics and animations using Adobe After Effects.
- Presented at the 2021 National Conference on Undergraduate Research

Academic Learning Assistant

University Housing & Dining Services

August 2020–Present

- Engaged with over 130 students to promote strong academic habits
- Collaborated with multiple supervisors to develop plans to ensure student success
- Designed and promoted skill-building workshops with over 25 attendees
- Lead a team of six co-workers to film and produce seven educational videos in two months

PROJECTS

FIRST Robotics Competition

September 2017–June 2019

- Founded and organized a diverse team of over 50 members
- Taught eight students how to design and program robot control algorithms
- Coordinated with mentors to set deadlines and accomplish tasks in a timely manner

Japanese Character Recognition

International Science & Engineering Fair

- Explored use of few-shot learning neural networks to improve recognition of handwritten Japanese
- Implemented convolutional neural networks and generative adversarial networks in TensorFlow
- Won award for Best in Computer Science at local ISEF event in 2018

HONORS

- OSU Engineering Virtual Showcase: 2nd Place Industry's Choice June 2020
- Research Scholarship: URSA Engage January 2020
- Oregon Seal of Biliteracy: French June 2019
- FRC World Championship: Rookie Inspiration April 2018
- International Science & Engineering Fair: Best in Category March 2018