

Contact

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www.linkedin.com/in/stanieldev
(LinkedIn)
staniel.dev (Personal)

Top Skills

Teamwork

Design

Geographic Information Systems
(GIS)

Languages

Spanish (Limited Working)

American Sign Language
(Elementary)

Certifications

Crowd Management Training

Honors-Awards

RIT Dean's List

RIT Dean's List

Stanley Goodwin

Physics Researcher, Programmer, and Quantum Technology!
Rochester, New York, United States

Summary

Hello, I'm Stanley!

I'm an avid tech user who loves Physics, Mathematics, and the Computer Sciences.

I grew up in Massachusetts and Alaska, giving me quite a diverse change of culture and experience.

At university (RIT), I hope to sharpen and study my skills in Theoretical Physics, as well as connections related to Particle/ Statistical Physics and Computer Science.

I intend to get my Ph.D. in some form of physics, but am currently undecided.

Experience

Rochester Institute of Technology

Physics Instructor

January 2023 - Present (3 months)

Rochester, New York, United States

I work as a Physics TA/LA for 2 sections of University Physics II.

I seek to educate and learn how to teach physics, as well as having hands-on experience with students.

Gene Polisseni Ice Arena

Usher

September 2022 - February 2023 (6 months)

Rochester, New York, United States

Helping people to their seats and keeping them safe during hockey games.

I also answer questions to the best of my abilities, including learning a little bit of ASL to interact with deaf guests.

Rochester Institute of Technology

Undergraduate Research Programmer

May 2022 - August 2022 (4 months)

Rochester Institute of Technology, New York, United States

Simulated an evaporating droplet of liquid on heterogeneous surfaces using C++, visualized data using MATLAB, drafted documentation in OverLeaf, and worked with a team of experimental engineers to best predict a physical droplet.

Fairbanks Youth Soccer Association

Soccer Referee

May 2020 - August 2022 (2 years 4 months)

Fairbanks North Star Borough County, Alaska, United States

Worked from May to August of each summer here.

Fairbanks Youth Soccer Association is a non-profit organization that is dedicated to providing youth soccer for kindergarten to high school, as well as starting programs for preschool and adult leagues.

Worked with a team of officials to ensure player safety, as well as being selected as a referee for the Alaska State Cup in 2021 & 2022.

West Valley High School

Physics Teachers Assistant

August 2018 - May 2019 (10 months)

Fairbanks North Star Borough County, Alaska, United States

Learned how to teach and worked with a classroom of students, as well as observed better techniques in tutoring and educative practices.

FAIRBANKS SOIL AND WATER CONSERVATION DISTRICT

Natural Engineering Student Worker

June 2016 - August 2017 (1 year 3 months)

Fairbanks North Star Borough County, Alaska, United States

In 2016, a team of students did outdoor education in nature.

Worked with a team of students to solve an icing problem from a nearby building.

Mathematically modeled material specifications, such as soil solubility and mean rate of rain.

Designed and built a raingarden as the solution, including pitching the design.

Education

Rochester Institute of Technology

Bachelor of Science in Physics, Minor in Mathematics, Theoretical and Mathematical Physics · (August 2021 - May 2025)

University of Alaska Fairbanks

Physical Sciences · (May 2020 - May 2021)

West Valley High School

High School Diploma, Physical Sciences · (2017 - 2021)