



# Jared Knofczynski

## Undergraduate Research Assistant

### University of Oregon

jared@cs.uoregon.edu  
<https://github.com/j-red>

## Work Experience

**Research Assistant**  
OCTOBER 2020 — PRESENT

Conducting research in Machine Learning applications to Network Security problems.

**Undergraduate Researcher**  
JUNE 2020 — AUGUST 2020

Conducted research on viral transmission rates of airborne pathogens in university classrooms using computational modeling and agent-based simulation systems.

**Computer Science Learning Assistant**  
SEPTEMBER 2019 — JUNE 2020

Aided professors in the 200-level Computer Science sequence by holding office hours and providing one-on-one student assistance.

**Assistant Director at iD Tech Camps**  
LEWIS AND CLARK CAMPUS,  
PORTLAND, OREGON  
JUNE 2019 — SEPTEMBER 2019

Assisted camp director in overseeing daily operations while also teaching students the fundamentals of graphic design, Python coding, and cybersecurity.

## Education

**Computer and Information Science**  
Clark Honors College,  
University of Oregon  
SEPTEMBER 2018 — PRESENT

Studying Computer Science and algorithmic problem solving. Additional minors in Math and Music Technology.

Undergraduate GPA: 4.11    Major GPA: 4.06

## Academic Honors

**Ripple University Blockchain Research Initiative Scholarship Recipient**  
2019, 2020

For students interested in conducting research related to cybersecurity as enhanced by secure digital transactions, blockchain and other distributed systems, cryptocurrency, cryptography, and more. Awarded in Fall 2019 and Fall 2020.

## Skills

### Coding Languages

Python  
JavaScript, d3.js  
C, C#, Java  
SML  
HTML/CSS

### Software Programs

Blender  
Adobe Creative Suite  
Git  
Unity  
Linux/Unix OS

