



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

# Jared Knofczynski

## Undergraduate Research Assistant

### University of Oregon

### 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: 4.11

### 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.

### Skills

#### Coding Languages

Python  
JavaScript  
C, Java  
HTML/CSS  
d3.js

#### Software Programs

Blender  
Adobe Creative Suite  
Git  
Unity  
Linux/Unix OS

