Ethan Reinhart

Seeking a fast-paced internship to apply my knowledge in Computer Science and Applied Mathematics

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EXPERIENCE

University of Oregon, Math Library, Eugene — *Peer Tutor*

SEPTEMBER 2021 - PRESENT

Highly rated tutor for undergraduate students enrolled in a variety of math classes

University of Oregon, Department of Mathematics, Eugene — *Funded Undergraduate Research*

JUNE 2023 - SEPTEMBER 2023

Characteristic Analysis of Randomly Generated Polynomials (under Professor Nicolas Addington)

Created a report to summarize findings and relay relevant information to the non-technical population

EDUCATION

University of Oregon, Eugene — *Current Junior*

SEPTEMBER 2021 - JUNE 2025

4.00 GPA (current), Dean's List

Lake Oswego High School, Lake Oswego — *Graduate*

SEPTEMBER 2017 - JUNE 2021

4.1 GPA, Honors

PROJECTS

Duck Bank — *A Multi-Threaded Banking System*

Created a banking system capable of processing transactions

Parallelized processing while using mutexes to avoid deadlocks

Neural Style Transfer — *Abstract Art Generation*

Created a network of my design using the TensorFlow package

Attempted to create abstract art using a CycleGAN network model

What's Up Dawg? — *A Dog Ownership Simulator*

Interactive application to educate future owners about responsibility

SKILLS

Experience with Tensorflow, Tkinter, MatPlotLib, and many additional Python Libraries

Multi-threading

Linux Kernel Experience

Dynamic Programming

OS Management

Git Version Control

AWARDS

Summer Research Grant
$4000 funding to research under Nicolas Addington

Dean's List (all terms)
Maintain a 3.75+ GPA

LANGUAGES

Python (2+ years), C (1.5+), C++ (0.5), Bash (1+), Swift (0.5), JavaScript (0.5), HTML (0.5), CSS (0.5), C#, Prolog, Haskell, Racket, ML, and SQL next term

ME

Passionate for Ceramics: dozens of projects completed at on-campus Craft Center

Alpha Tau Omega Fraternity, March 2021 - Present