

## Skills

**Software Tools:** Vim, Git, Linux

**Languages:** Python, Rust, Java, Html, C

## Projects

**Ant Simulation** *Personal Project* — [https://nebsite.website/ant\\_sim/ant\\_sim.html](https://nebsite.website/ant_sim/ant_sim.html)

**Languages and Tools** Algorithms, Rust, Game Dev, Simulation, Research

**Short** Simulating data retrieval in peer-to-peer networks with a system inspired by ants

**Long**

- (I) Organized research from various papers and online resources on Peer-To-Peer Networks as well as ant pheromone systems
- (II) Implemented a design based off of my research and iteratively improved the design
- (III) Optimized the performance of the program performing intensive benchmarks at each step to measure and verify progress
- (IV) Created a blog-style report on my website documenting my process and compiled the program to WebAssembly so readers could run it and see the executiong themselves

## Education

**California State Polytechnic University**

**Pursuing** Bachelor of Science Degree in Computer Science - Sept 2021 to present

**Notable Completed Courses** Data Structures, Computer Architecture, Systems Programming, Discrete Structures