

Adam Hammond

Contact: abhammond22@gmail.com ❖ 707-328-8977 ❖ www.linkedin.com/in/adamhammond22

Projects & Portfolio: ❖ <https://github.com/adamhammond22> ❖ adamhammond22.github.io

Education: B.S., Computer Science

2020-2024(Expected)

University of California, Santa Cruz

GPA: 3.74

Relevant Coursework:

- Probability & Statistics
- Computer Architecture
- Computer Systems & C Programming
- Full Stack Web Development
- Programming Abstractions Python
- Principles of Computer System Design
- Introduction to Computer Networks
- Introduction to Algorithm Analysis
- Data Structures and Algorithms
- Natural Language Processing

Work Experience:

May 2021- Sept 2022

Red Tide Games, junior programmer

Santa Rosa, CA

- Worked Remotely with 2 other programmers on a cohesive game in Unreal Engine 5.
- Used Perforce for source control and contributed with a C++ and Unreal Engine 5.

Projects:

Personal Website:

- Self taught HTML, CSS, Javascript and built a static personal website hosted by github.
 - Currently has simple collapsible navbar menu
- Re-structuring it with skills acquired in Full Stack Web Development class
 - Using React and Material UI for fancy and fun features

Coursework-Related Projects:

- Huffman Encoding Project in C
 - Uses Huffman encoding to compress and decompress files.
- Public/Private Key Generator in C
 - Uses RSA to generate keys, encrypted, and decrypted messages.
- Keras Text Classification with RNNs in Python
 - Uses Keras Model to build an RNN based text classifier
- Various N-gram Language modeling tester in Python
 - Tests N gram language modeling, adds additive smoothing and linear interpolation on a provided dataset to display the increase in accuracy for each
 - Worked in a collaborative setting with 3 other students, and used Github for Source Control.
- React and Material-UI Responsive Email Viewer
- Node.js & Express RESTful Email API

Skills:

Machine Learning, Data Structures, Algorithm Analysis, Full Stack Web Development

Languages:

C, C++, Python, JavaScript, HTML, CSS, PostgreSQL

Technologies:

Windows, Unix & Linux, Command Line, LaTeX, PostgreSQL, Docker, Bash Scripting

Frameworks and Specifications:

React.js, Node.js, Express.js, OpenAPI, RESTful APIs

Engines and Source Control:

Unreal Engine 4 & 5, Git & Perforce

