Rachel Hanna

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Objective

An internship that will provide real-world experience in the field of Computer Science and allow me to develop applicable programming and problem-solving techniques.

## Education

University of California Davis | B.S. in Computer Science (expected June 2020)

## Technical Skills

* Basic Script Programming in Python
* Console Programming in a Linux Environment using C and Rust
* Some experience creating layouts in HTML
* Some basic familiarity with C++
* Experience using a drawing tablet with Autodesk Sketchbook and Gimp
* Experience with video editing software

## Other Skills

Problem-solving | Interpersonal Communication | Self-Motivated | Team-oriented | Level-headed

## Activities

University Honors Program | University Chorus Spring 2017 | Self-employed artist

## Relevant Coursework

**Calculus (Fall 2016 – Spring 2017)**

A series on calculus topics from differentiation and integration techniques to power-series and

Taylor approximations.

**Linear Algebra (Fall 2017)**

Developed a context for matrices and their role in algorithmically solving linear systems.

**Introduction to Programming (Winter 2017)**

Introduced basic scripting techniques using Python. I gained a general understanding of loops,

Boolean expressions, program readability and good style.

**Programming and Problem Solving (Spring 2017)**

Further developed abstract programming concepts with a focus on C in a Linux environment.

Gained insight into the process of compilation and code execution.

**Discrete Mathematics for Computer Science (Fall 2017)**

Provided a framework for logical problem-solving and gave experience solving mathematical

proofs. Developed a greater understanding of functions and set theory.

**Software Development and Object-Oriented Programming (Fall 2017)**

Gained an understanding of safe memory management through comparing features of Rust and

C++. Introduced to the object-oriented programming paradigm.