

# Anthony Hall

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[ahall99.github.io](https://github.com/ahall99)  
[shadertoy.com/user/amhall](https://shadertoy.com/user/amhall)

## EXPERIENCE

### **Kyocera Document Solutions Development America, Inc., Gardena, CA — *Software Development Engineer Intern***

July - September 2019

Wrote an application that provided a user interface wrapper for open-source CLI tools using the Windows Presentation Foundation framework in C#. Worked with some of the CLI tool source code in C to facilitate interaction with the user interface.

### ***Software Development Test Engineer Intern***

June - September 2018

Gathered performance data for printer-related software and developed a web client using HTML/CSS with Bootstrap. Added features to company tools used for gathering performance data written in C++.

### **Sitting Pretty Dog Resort, Torrance, CA — *Animal Caretaker***

July - September 2017, October 2021 - Present

Work part-time to care for client dogs and perform general labor such as cleaning and laundry.

## EDUCATION

### **UC Santa Barbara, Santa Barbara, CA — *B.S., Computer Science***

September 2017 - June 2021

3.80 GPA, Graduated with honors

Notable coursework: Computer Graphics, Parallel Scientific Computing, Object Oriented Design, Operating Systems, Compilers, Computer Vision, Artificial Intelligence (See transcript for full coursework)

### **California Academy of Math and Science, Carson, CA — *Diploma***

August 2013 - June 2017

Unweighted GPA: 4.0

Notable coursework: TA for Introduction to Engineering Design (2015-2016), Engineering Design and Development (2016-2017)

### **CSU Dominguez Hills, Carson, CA — *Dual Enrollment (American Honda Science Opportunity Program)***

June 2014 - June 2017

GPA: 3.942

Coursework: Introduction to Music, Introduction to College Chemistry and Lab, General Chemistry I and Lab, Principles of Biology I and Lab, Principles of Biology II and Lab, General Physics I and Lab, General Physics II and Lab

## SKILLS AND EXPERIENCE

- Proficient programming experience with C# .NET framework and C++ core language
- Familiar with computer graphics concepts and GLSL (see Shadertoy profile)
- Familiar with Java
- Basic experience with Python and NumPy
- Basic Web development experience with HTML, CSS, React, and Bootstrap
- Audio programming experience with Max and C
- Proficient with Microsoft Word, Excel, and Powerpoint
- Proficient CAD skills with Autodesk Inventor
- Proficient digital photo manipulation skills and basic graphic design experience with Paint.NET
- Proficient with Ableton Live digital audio workstation
- 2014: Competed in #LowRezJam game jam

## AWARDS

National Merit Scholar

**3rd place in 2014 MATE ROV Regional Competition:** Teams of high school students competed to build robots to accomplish various tasks underwater