

Siddharth Hathi

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EDUCATION

Dartmouth College, Hanover, NH

June 2024

Bachelor of Arts, Double Major in Computer Science and Mathematics

GPA 3.6/4.0

- **Relevant Coursework:** Object-Oriented Programming | Software Design | Discrete Math | Algorithms | Computer Architecture | Systems | Graph Theory | Applied Linear Algebra
- **Honors:** Neukom Scholar ('22 Summer) | Citation for Meritorious Performance ('20 Fall)

Language Study Abroad, Barcelona, Spain

January 2021

A 3-month immersive Spanish language program through Dartmouth College and the University of Barcelona.

Lakeside High School, Seattle, WA

June 2020

National Merit Scholar Semifinalist | SAT: 1570 (Math: 800)

GPA 3.9/4.0

WORK EXPERIENCE

DUST Identity, Boston MA

September 2022 – December 2022

Software Engineering Intern

DALI Lab, Hanover NH

September 2021 – Current

Software Developer

- Built an Oculus Quest VR application for visualizing metal structures/Bravais lattices using Unity and C#.
- Built a new authentication system for Dartmouth technology infrastructure using Ruby on Rails.

Ghost Pacer, Seattle WA

June 2019 – January 2022

Lead Graphics Engineer (for Augmented Reality Startup based in Seattle WA. Ghost Pacer builds a lightweight augmented reality headset for athletes using fully custom hardware and embedded software + firmware)

- Built the embedded augmented reality graphics engine using OpenGL ES 2.0, C, and C++.
- Designed and created the Kickstarter campaign that generated \$150,000 in 30 days.
- Coded a significant part of Ghost Pacer's iOS application using Swift/UIKit.
- Helped secure private investment and lucrative development contracts.

Dartmouth College Department of Physics and Astronomy, Hanover NH

January 2021 – June 2021

Research Assistant for Relativistic Electron Atmospheric Loss (REAL)

- Built an online data portal, satellite tracker, and project website for REAL using React and NodeJS.

Lakeside Summer Research Institute, Seattle WA

June 2018 – August 2018

Research Assistant

- Adapted computer model of snowfall for avalanche and climate change research. Presented at UW conference.

LEADERSHIP & SERVICE

Dartmouth Humanitarian Engineering, Hanover NH

September 2021 – November 2021

Treasurer and Executive board member

- Led team of four to build cheap, sustainable, all-terrain wheelchairs. Managed club finances.

Sembrando Paz, Pichilín Colombia

February 2019 – March 2019

Volunteer

- Lived in rural Colombia for 3 weeks doing manual labor and documentary work.

SKILLS

Programming Languages:

C | C++ | C# | Java | Python | Swift | Go (GoLang) | JavaScript | Ruby | HTML/CSS | PHP/MySQL | Matlab

Technologies:

Unity | XCode | SwiftUI | UIKit | React.js | Ruby on Rails | Node.js | Git | Firebase | AR/VR Development | Android Development | Docker | Figma | Adobe Photoshop | Adobe Illustrator | Microsoft Office 365 Suite

Additional Skills:

- Fluent in Spanish
- Certified in Machine learning through Coursera/Stanford
- Worked as a privately contracted tutor in Physics and CS