

# Vidit Agrawal

[vdagrwal16@gmail.com](mailto:vdagrwal16@gmail.com)

(408) 664-0937

20637 Gardenside Circle Cupertino, CA 95014

## PROFILE

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Passionate 11th grade high school student interested in the intersection of computer science and tackling world problems. Love working with people and understanding novel and complex problems.

## EDUCATION

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### Monta Vista High School

GPA: 3.92

Expected Graduation: June 2021

Advanced courses completed: AP Physics 1, AP Computer Science A, Pre-Calculus Honors, APUSH, AP Calculus BC, AP Chem

## EXTRA CURRICULAR ACTIVITIES

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### Vice President of AI Club

Oct. 2017– Present

- Taught the basics of artificial intelligence (AI) and machine learning (ML) to a group of 25~30 students.
- Guided students through the design and implementation of AI projects such as a diabetes predictor through a linear regression model.
- Coordinated with the officer team to set up club events, including hackathons, fundraisers, and club programming competitions.

### Hackathons

Jan. 2018 - Present

Executive Director at hackswiftly

- [hackswiftly](#) is a non-profit hackathon intended to turn ideas into scalable apps and products.
- Led the development of the public website to notify attendees of logistics and handle sign-ups.
- Leading a team of 5 people to raise sponsorship money, outreach, and handle logistics and finance.

Local Hackathons

- Designed and implemented FaceAttend using Swift and Microsoft Azure at HackCupertino 2019 to solve the worldwide problem of attendance in education systems.
- Built hungri., a tool for iOS using advanced Swift concepts at DVHacks to combat the hunger of the homeless.

### Vice President and Co-Founder of Connected Devices Club

Aug. 2019 – Present

- Started a club at my high school to place emphasis on hardware devices and explore the Internet of Things
- Gathered microcontrollers such as Arduino and Raspberry Pi to demonstrate the practical uses of hardware.
- Conducted a team of 6 people to outreach, teach, and handle logistics for club management.

### Boy Scouts

Jan. 2010 – Present

- Earned the distinction of Life Scout in recognition of 50 community service hours, 24 merit badges, and 4 leadership positions.
- Mentored 20 younger students through my leadership in community service treks, troop meetings, and patrol outings.

### Debate

Aug. 2017 - Present

Debate Club at Monta Vista

- Competed in local varsity Public Forum debate tournaments such as Stanford's 33rd Annual Invitational and Santa Clara University's Dempsey-Cronin Invitational.

Debate For Beginners

- Founded [Debate For Beginners](#), a program based in a local library to educate aspirational debaters.
- Handled logistics for the program such as the timings, dates, liability waivers, and schedule.
- Developed and published a website to inform prospective parents and students about the program and curriculum.

## AWARDS

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### HackCupertino

- Won 3rd place award at Cupertino's annual hackathon for building a facial recognition app with Swift programming.
- Received proclamation from city council.

### AngelHack

- Won 355 waves (roughly 650 USD) at AngelHack for making an app to tokenize hackathon relationships in an iOS-platform.

## SKILLS

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### Proficiency in Programming Languages

- Java, Python, Swift, HTML, CSS, Javascript

### Programming Tools

- Firebase, XCode, Sketch

### Collaboration

- Worked with multiple groups to establish priorities and follow through with goals.