

# Ishaan Gandhi

[US Citizen]

✉ igandhi@hmc.edu

🌐 ishaangandhi.com

## EDUCATION

### Harvey Mudd College

BS in Computer Science  
Expected Grad. May 2021  
GPA: 3.9

### Thomas Jefferson High School for Science and Technology

Grad. June 2017  
GPA: 4.4

## SKILLS

### Languages:

C, C++, Python, JavaScript,  
PHP, Java, Swift, Go

### Web:

HTML, CSS, Flask,  
AWS (EC2, SNS, Lambda)

### Machine Learning:

TensorFlow, Keras, scikit-learn

## COURSEWORK

Operating Systems  
Algorithmic Game Theory  
Machine Learning  
Deep Learning  
Artificial Intelligence  
Algorithms  
Parallel Computing  
Computer Systems  
Software Verification  
Data Manipulation at Scale  
Data Structures  
Computability and Logic

## TEST SCORES

### ACT: (99.9 percentile)

Math: 36/36  
English: 36/36  
Reading: 36/36  
Science: 36/36

## EXPERIENCE

### Facebook

Software Engineer Intern

Summer 2019

New York, NY

- Will intern on place visit detection team.

### Facebook

Software Engineer Intern

Summer 2018

Seattle, WA

- Worked on service-to-service security using cryptographic authentication for Facebook's pub-sub system.
- Languages Technologies used: C++, PHP, Java.

### Capital One

Software Engineer Intern

Summer 2017

Tysons Corner, VA

- Worked on full stack development for Commercial Bank.
- Languages & Technologies used: Flask, Python, Amazon Web Services (EC2, SNS, Lambda), Kafka, MongoDB, HTML5, JS.

### NASA

Student Researcher

Jun 2016 – Jun 2017

Greenbelt, MD

- Wrote Monte Carlo simulator to study the performance of various data compression algorithms on space telescopes.

## PROJECTS

### iOS App Development

Built and published games and utilities for iPhone and iPad using Objective-C and Swift. Received over 50,000 downloads.

### Golang cross compiler

Wrote a basic cross compiler to turn Python code into Go. Won 1st place and \$1k+ in prizes at CU Hacks.

### Python Static Analysis Tool

Wrote a static analysis tool to find bugs in Python scripts. Won 1st place and \$700+ in prizes at 5C Hacks.

## AWARDS

Harvey S. Mudd Scholar

National Merit Scholar

USA Computing Olympiad Silver Divisionist

National AP Scholar