

Ishaan Gandhi

✉ igandhi@hmc.edu
🌐 ishaangandhi.com

[US Citizen]

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++, Python, JavaScript,
PHP, Java, Swift

Web:

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

Machine Learning:

TensorFlow, Keras, scikit-learn

COURSEWORK

Machine Learning
Deep Learning
Artificial Intelligence
Parallel Computing
Computer Systems
Software Verification
Data Manipulation at Scale
Data Structures
Computability and Logic
Discrete Mathematics
Linear Algebra

TEST SCORES

ACT: (99.9 percentile)

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

EXPERIENCE

Facebook

Software Engineer Intern

Summer 2018

Seattle, WA

- Worked on service-to-service security using cryptographic authentication for Facebook's pub-sub system.
- Wrote, tested and shipped performant, scalable, and asynchronous code in the real-time infrastructure team.
- Languages Technologies used: C++, PHP, Java.

Capital One

Software Engineer Intern

Summer 2017

Tysons Corner, VA

- Worked on full stack development for Commercial Banking team to automate credit extension to business customers.
- Built a dashboard, wrote server with RESTful API to handle requests from customer portal.
- 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.
- Sped up image data processing for the Stellar Astrophysics research group by 600x using python scripts.

PROJECTS

iOS App Development

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

Social Network Visualization

Wrote scripts to analyze leaked DNC emails and construct social connection graph. Built interactive web app using Javascript to visualize social connection graph of the members. Project live at ishaangandhi.com.

AWARDS

Harvey S. Mudd Scholar
National Merit Scholar
USA Computing Olympiad Silver Divisionist
National AP Scholar