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
Databases
Programming Languages
Algorithmic Game Theory
Advanced Algorithms
Algorithms
Machine Learning
Deep Learning
Artificial Intelligence
Parallel Computing
Software Verification
Data Manipulation at Scale

TEST SCORES

ACT: (99.9 percentile)
- Math: 36/36
- English: 36/36
- Reading: 36/36
- Science: 36/36

EXPERIENCE

Facebook   Summer 2019
Software Engineer Intern   New York, NY
- Improved machine learning model for place visit detection by implementing 2-pass scoring.
- Languages & Technologies used: C++, Python.

Facebook   Summer 2018
Software Engineer Intern   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   Summer 2017
Software Engineer Intern   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   Jun 2016 – Jun 2017
Student Researcher   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

10.18.2019