# Ishaan Gandhi

[US Citizen]

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## 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**                                        Summer 2019
Software Engineer Intern                           New York, NY
  • Will intern on place visit detection team.

**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