

Adavya Bhutani

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EDUCATION

GEORGIA TECH

BS IN COMPUTER SCIENCE
Cumulative GPA: 4.0/4.0
Expected May 2023

STRAWBERRY FIELDS HIGH SCHOOL

INTERNATIONAL BACCALAUREATE
DIPLOMA PROGRAMME
41/45, Grad May 2020

SKILLS

PROGRAMMING

Java • Python • Android
JavaScript • React JS • Node JS
C++ • MySQL • Swift • HTML/CSS

TOOLS

Git/Github • Google Cloud Platform
Firebase • Heroku

COURSEWORK

GEORGIA TECH

CS 2050 - Discrete Math
CS 1332 - Data Structures and Algorithms
CS 1331 - Object Oriented Programming
Math 2550 - Multivariable Calculus
Math 1554 - Linear Algebra

COURSERA

Data Structures and Algorithms

INTERNATIONAL BACCALAUREATE

HL - Comp Sci • Math • Phys
SL - English A Lang and Lit • Econ • French AB

ADVANCED PLACEMENT

Calculus BC • Computer Science A

LEADERSHIP

NSHSS Ambassador Fall Cohort
2018 Gr. 11
House Captain in High School Gr. 10
Vice Captain in High School Gr. 9

LINKS

LinkedIn:// [adavyabhutani](#)
Product Hunt:// [adavya_bhutani](#)

PROJECTS

FIND REMOTE WORK | FOUNDER & PROJECT LEAD

June 2020 – July 2020 | <https://findremotework.co/> | 1K+ MAU

- Developed a remote job board with offerings spanning engineering, design, and business aggregated daily using Twitter API.
- Built 1-click apply feature, bookmarking capabilities and a powerful search.
- Wrote cron job in Python fetch latest jobs for weekly customized newsletter.
- Tech stack: Python, MySQL, ReactJS. Tools: Heroku, Google Cloud.

NEXTBOOK | FOUNDER & PROJECT LEAD

April 2020 - May 2020 | <https://nextbooktoread.com/> | 2.5K+ MAU

- Developed a website with book recommendations by well renowned people.
- Used Twitter API, Amazon goodreads and web scraping to build database.
- Built a content filtering based books recommendation engine.
- Tech stack: Python, MySQL, ReactJS. Tools: Heroku, Google Cloud.

GLUCODOC | DESIGNER & DEVELOPER

Jan 2019 – June 2019 | <https://tinyurl.com/glucodoc> | 150+ MAU

- Created a native android app that allows patients to receive instantaneous feedback in case of abnormal blood sugar levels from their treating doctor.
- Tech stack: Android. Tools: Firebase. Available on Google Play Store in India.

SUMMER WORKSHOPS

FRONTIERS OF SCIENCE AND TECHNOLOGY | YALE YOUNG

GLOBAL SCHOLARS PROGRAM, YALE UNIVERSITY

July 2019

- Explored innovative developments and cutting edge research in fields like artificial intelligence, cybersecurity, and social robotics.
- Researched in a team of 4 on the topic "How has the implementation of robotics and artificial intelligence evolved in military applications overtime and what is the future of this field?".

ARTIFICIAL INTELLIGENCE FOR ROBOTS | STANFORD

PRE-COLLEGIATE SUMMER INSTITUTES, STANFORD UNIVERSITY

June 2018 - July 2018

- Programmed a hamster robot to complete tasks such as line following and grid navigation while avoiding obstacles.
- Implemented RRT (Rapidly Exploring Random Tree) algorithm in a team of 4.

ANDROID MOBILE APP DEVELOPMENT | NIIT

June 2016 - July 2016

- Learned mobile app development skills using Android Studio software.
- Independently developed two multiplayer games with 4K+ downloads.

RESEARCH

IBDP MATH EXTENDED ESSAY

December 2018 - February 2020

- Independently developed methods to determine the winning strategy for the game of Nim with multiple piles in normal play given any starting state.
- Wrote a computer simulation in Python to validate the winning strategies.