

Roshan Desai

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EDUCATION

Georgia Institute of Technology

Expected Graduation: May 2024

- Pursuing a Bachelor of Science in Computer Science
- **Concentrations:** Intelligence, Information Internetworks
- **Coursework:** Multivariable Calculus, Linear Algebra, Object-Oriented Programming
- **Honors/Certifications:** GT Coca-Cola Scholarship Recipient, Google Cloud Fundamentals, Essential Google Cloud Infrastructure, Elastic and Reliable Google Cloud Infrastructure Design

Atlanta, GA

GPA: 4.0

WORK EXPERIENCE

W.A.G.D.O.D

Mar 2021 – Aug 2021

Website Manager and SEO Specialist

- Managed an e-commerce store built on the Shopify platform that sells anti-depression clothing
- Implemented different SEO strategies that attracted customers and increased website traffic by over 150%
- Applied self-taught knowledge of HTML/CSS to develop an interactive, engaging theme for the website's pages
- Website can be viewed at <https://wagdod.com>

InternsConnected

Jan 2021 – Aug 2021

Administrative Assistant Intern

- Developed a mobile application in React Native to provide another platform for InternsConnected to market their product
- Managed the website developed on Wix to resolve any website issues and write informative blog posts
- Increased the company's reach to their target audience by over 250% on all platforms
- Visualized and presented social media performance metrics created using Matplotlib and the Facebook API

48in48

Oct 2019 – Oct 2019

Full Stack Developer

- Developed a website for a metro Atlanta nonprofit to raise awareness for black females as leaders
- Used WordPress as well as HTML/CSS to design a fully functioning website for the organization
- Worked alongside 10+ industry professionals in a team and won award for "Innovative Design"
- Website is live at <https://100nwgga.org>

PROJECTS

Architecting with Google Compute Engine

June 2021 – Present

Google Cloud Platform

- Created a reliable, secure, and cost-effective SaaS platform to help dining-in at restaurants become more contactless
- Configured the Standard Environment of App Engine to support a Python web application
- Implemented App Engine APIs to manage, provision, and automatically scale the application

PackBot

May 2020 – Sept 2020

Swift, JavaScript

- Developed a functional app in XCode that utilizes web automation to purchase Supreme clothing
- Incorporates Google Firebase to store the user's checkout information
- Purchases clothing under 5 seconds using a JavaScript implementation in Swift
- Architected an engaging user interface with UIKit and Storyboard

CovidTracker

Sep 2020 – Oct 2020

Python - Django, Pandas

- Deployed a web server using Django to track coronavirus cases for a given country
- Utilized Pandas to read and Matplotlib to display over 10,000 cells of data in graphs
- Used by 5+ local organizations to raise awareness of the pandemic and educate people about the threat of the virus

SKILLS

Programming Languages: Python, Java, HTML/CSS, Latex, Swift, JavaScript

Frameworks/Libraries: Django, Selenium, NumPy, Matplotlib, Pandas

Tools/Software: Jupyter, WordPress, SEO, Weebly, GitHub, Junit, GCP, Postman

Other: Spanish, Gujarati, Hindi, Piano, Viola