

# Vivian Roberts

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## EDUCATION

**Fordham University**, New York, New York, USA Sep 2016 – May 2020

- Bachelors of Science (B.S.) in Computer Science and Mathematics

- Discreet Mathematics
- Linear Algebra I and II
- Computer Algorithms, taught with C++
- Computer Organization, taught with MIPS
- Theory of Computation, taught with C++
- Operating Systems
- Numerical Analysis, taught with Python

- Minor in Bioinformatics

- Applied Statistics
- Genetics Lecture and Lab
- Bioinformatics
- Cell and Developmental Biology

- Dean's List

Sep 2018 – May 2019

- GPA: 3.34

**San Diego Mesa Community College**, San Diego, California, USA

- Final High School Semester at Mesa College

Jan 2016 – May 2016

- Principles of Information Systems and Java Programming

- GPA: 3.63

## PROJECTS

- Smart Flights

Mar 2017

- Made for the StudenthackV hackathon in Manchester, England
- Finds cheapest flights between continents, no regard for connections needed
- Used Python and Skyscanner API, with a website and Google Maps API UI

- Alexa Skills

Sep 2017

- Novelty skills (one spouts 'fun' existential facts) that interact with user
- Used Javascript, Alexa API, and Amazon services; gained a user base

- Get Bazaar

Oct 2018

- Made for the Hack Cooper hackathon in New York, New York; placed fourth
- Progressive web app that uses location to match users with nearby business deals
- Used Python to make the matches with separate user and business/client interface

- In Stitches

Jul 2021 –

- Built with Python, TKinter, ttkbootstrap, and using the .oxs open file format
- Open source cross stitch patterning software
- Current passion project, still a work in progress

[Compiled on 2021-10-10]