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

- In Stitches
  - 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

- Get Bazaar
  - 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

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