Anthony Queen

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EDUCATION

UNIVERSITY OF GEORGIA
BS in Computer Science
Expected May 2018 | Athens, GA
Cum. GPA: 3.61 / 4.0
Major GPA: 3.96 / 4.0

BS in Mathematics
Expected May 2018 | Athens, GA
Cum. GPA: 3.61 / 4.0
Major GPA: 3.86 / 4.0

SPALDING HIGH SCHOOL
Grad. May 2013 | Griffin, GA

LINKS

Github:// **AnthonyQueen1**
LinkedIn:// **AnthonyQueen**

COURSEWORK

UNDERGRADUATE
Databases
Graph Theory
Evolutionary Computation
Data Structures
Systems Programming

SKILLS

PROGRAMMING
Over 5000 lines:
Java • Python
Over 1000 lines:
C • C++ • CSS
Familiar:
Android • MySQL • LaTeX

EXPERIENCE

TECH VITALITY SOLUTIONS | Software Engineering Intern
May 2016 - July 2016 | Suwanee, GA
- One of two programmers working on a full stack django (python) web app.
- Worked on designing the HTML template, URLconfs, and defining models to interact with the database.
- Took ownership of code quality – completed testing for own work.

PROJECTS

UGA CALENDAR APP | Android App
Dec 2016 | Athens, GA
Take home assignment for the UGA Android app developer application. Reads data from JSON and displays a sortable and editable list of events. The project follows model view presenter architecture.

EVOLUTION STRATEGIES | Class Project
Nov 2016 | Athens, GA
Made an evolution strategies optomization in python to solve 30 dimensional Ackley function. It is limited to 200,000 fitness evaluations. My program consistently finds the global optimum within 15 decimal places.

TRAVELING SALESMAN GENETIC ALGORITHM | Class Project
Sept 2016 | Athens, GA
Wrote a genetic algorithm in python to solve traveling salesman problem with 127 cities. The best known tour for these cities has length 118,282. My program found a route with length 123,596, which was the best in my class of 40 students.

HUSTLE AND BUSTLE | Android App
May 2016 - Present | Athens, GA
Made an android app that scrapes local bus times from the Athens Transit mobile website. Allows its user to view multiple routes from a single screen. Utilizes RxJava Observables to handle async tasks.

PERSONAL WEBSITE | HTML and CSS
Designed a website to increase my web presence. The website is hosted on Github Pages.

ADDITIONAL EXPERIENCE

UGA MAKERSPACE | Student Worker
Aug 2016 - Present | Athens, GA
- Operate and maintain 3D Printers, vinyl cutter, and laser cutter.

GEORGIA COLLEGE | Supplemental Instructor, Calc III
Jan 2015 - May 2015 | Milledgeville, GA
- Provided supplemental feedback on course content for students.
- Composed lesson plans to lead a weekly group study session.

AWARDS

2013 - Present   Hope Scholarship Recipient
2014 - Present   Dean's List