Naveed Naqi

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EDUCATION

City University of New York, Hunter College - *Cumulative GPA: 3.58* — New York, New York

Major: Bachelor of Arts, Computer Science and Math — Expected Graduation: May 2021

Honors/Awards: NYC Council Merit Scholar, Dean's List, AP Scholar with Distinction, Best Financial Application at NSHacks

Relevant Coursework: Introduction to Python; Introduction to C++: recursion, pointers, object-oriented programming; Discrete Math (favorite class): combinatorics, graph theory, formal mathematical proofs

EXPERIENCE

Khan's Tutorial — New York, New York
Data Analyst — January 2019 – Present
- Compile attendance data from all 11 locations throughout New York and create monthly attendance reports
- Use some SQL and JavaScript to write macros and scripts on Google Sheets that aid with data collection and analysis.
- Works on software to analyze grades and create reports for students that analyzes their weaknesses and gives recommendations based on their practice tests

Hunter College — New York, New York
Undergraduate Teaching Assistant for Discrete Math/ Discrete Math Tutor at the Math Center — September 2018 – Present
- Provide supplementary guidance and help to students during the recitation
- Tutor students at the Dolciani Math Center on topics including, but not limited to combinatorics, graph theory, proofs, logic, set theory, probability, encryption and recurrence as they relate to discrete math.

Khan's Tutorial — New York, New York
SHSAT Instructor/Manager — February 2017 – Present
- Instruct classes of 30+ students each in topics consisting of reading comprehension, grammar, algebra, geometry, and arithmetic
- Manage data and maintained spreadsheets for 100+ students included but not limited to: attendance, grades and contact information
- Implemented the usage of a task management tool to inscrease the quality of workflow and communication among the team

Oblix — New York, New York
Intern — June 2016 – August 2016
- Collected daily news and information on the virtual reality market and collated it into a power point to present it at the end of the work day
- Lead research and development on mobile virtual reality hardware and created my own virtual reality device using laser cutting and 3D printing.
- Created an early, functional version of a virtual reality iOS app developed using Unity, C# and Xcode.
- Used project management tools to optimize scheduling and task priority for the rest of the staff

PROJECTS

To the Bank Mobile!
- Developed in a team for NSHacks hackathon. Worked on the backend which was in Python.
- Identifies under-represented region that didn't have enough banks.
- Used street networks to place nodes at addresses and a path between those nodes that accounted for the direction of the roads.

SHSAT Grader
- Utilized Open Source Computer Vision in Python to create a program that grades SHSAT Exams.
- Grades are matched up to student IDs and uploaded to Google Sheets.
- All exams can be scanned in and read in as a jpg and will output a spreadsheet of student answers.

SKILLS

- Intermediate Proficiency with: Python and C++.
- Familiar with: HTML, SQL, JavaScript, C#, Unity and Godot