Nabeel Khalid

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WORK EXPERIENCE

University at Buffalo Network Engineering
April 2018 – Present
Network Engineering Intern   *Buffalo, NY*
- Led a team of five interns to program and replace devices such as Cisco Switches, VOIP phones and AP's
- Streamlined the IT infrastructure of the University through the Development of a program to allow faculty and students to place tickets with the IT system instead of making phone calls
- Increased productivity of my students by 300% through researching and developing software to streamline migration of devices using C++
- Developed web based apps using JavaScript, React, HTML/CSS
- Held interviews for hiring of student employees regularly

SHSI Queens
September 2015-August 2017
Head TA, Student Director   *Queens, NY*
- Created and taught Programming courses to middle schoolers from underprivileged backgrounds in Java, Python
- Assembled 3D printers and created courses for students to learn how to use Autodesk Inventor and 3D print their creations
- Created repot cards, filled paperwork for students so that they could receive lunch and MTA Metro Cards

EDUCATION

University at Buffalo   **Class of 2021**
Computer Science and Applied Math, BA   *Buffalo, NY*

- Undergraduate Coursework: Data-Structures, Algorithms, Operating Systems, Programming Languages, Database Systems, Intro to Web Development, Calculus I-III, Differential Equations, Statistics, Discrete Mathematics

SKILLS & INTERESTS

Programming Languages: Java, C, C++, Python, Swift, HTML/CSS, Java Script, React, Node, SQL
Operating Systems: Linux, MacOS, Windows
Spoken Languages: English, Urdu, Punjabi, Some Spanish

Projects
Claw Bot
- Used AutoDesk inventor and MakerBot 3D printer to create a robotic claw mounted on tank treads
- Programmed Claw Bot to work with an Xbox controller using C++

Maze Runner
- Designed and implemented a 2d Maze Runner game with the use of Java
- Added a GUI with the use of OOP in Java so that the user could move the character up, down, left, right
- Implemented a Top Score system

One Rep Max/BMI Calculator
- Designed an application to calculate your one rep max using the bryzicki formula alongside React

Research

University at Buffalo Systems Engineering
Undergraduate Research Assistant   *September 2018-September 2019*
- Used SQL to collect tweets related to Hurricanes and other catastrophic events for the analysis of public

reaction to disasters