Bishal Thapa

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EDUCATION

May 2022

Ramapo College of New Jersey, Mahwah, NJ   **GPA: 3.7/4.0**
- Bachelor of Science in Computer Science
- 4+1 Master of Science in Data Science
- Dean's List, Presidential Scholarship
- Relevant Courses: Data Structures, Web Application Development, Data Analytics, Software Design, Operating Systems, The .NET Environment, Database Design, Analysis of Algorithms

TECHNICAL SKILLS

Languages: C++, C#, JAVA, Python, JavaScript, HTML, CSS, R
Databases: MySQL, MongoDB, SQLite
Frameworks: Node.JS, Express.JS, jQuery, Bootstrap, Vue.js
Tools: Visual Studio, SQL Server, Android Studio, Jupyter Notebook, Google Firebase

PROFESSIONAL EXPERIENCE

Intern, Small Business Development Center, Ramapo College   **November 2019 – Present**
- Conducted website maintenance using HTML and CSS to smoothly update changes within the organization.
- Used Adobe Premiere Pro to edit and extract short clips from RAW footages taken during SBDC events.
- Worked on data entry; organized email and computer files; and conducted internet research on business topics to assist the small business owners.

Tutor/Counselor, TRIO Upward Bound Program   **June 2020 – August 2020**
- Assisted group of high school students with no prior experience to complete their first android app development project within the period of 6 weeks.
- Monitored class attendance; assisted instructors; conducted tutoring sessions to bridge the gap between students and instructor.
- Held daily discussion sessions with groups of assigned students helping them to bond with each other.

Virtual Experience, JPMorgan Chase & Co.   **February 2021**
- Worked with Python, React and JPMorgan Chase tools to develop a web interface that displays data visually for traders.
- Learned to use version control system in a professional work environment.

ACADEMIC PROJECTS

Covid Tracker (Senior Project)
- Creating an android application to track and alert users regarding the possible covid transmission within an organization.
- Allows users to submit/share their test results and insurance information upon request by the administration.
- Technologies: JAVA, XML, Google Firebase

Contact Geo Coder 🔗
- Web application that allows users to store their contact information.
- Allows verified users to perform CRUD operations on the data saved on database.
- Implemented geocoding using Map box API for the contacts.
- Technologies: HTML, CSS, Bootstrap, Pug, JavaScript, NodeJS and MongoDB, Map box API

Assembler 🔗
- Created an assembler (Quack-3200) and emulator that translates given C++ code to corresponding assembly code and emulates it.
- Written in C++ for systems running Microsoft's Windows OS.