Dhruv Mehandiratta

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EXPERIENCE

Academic Experience

UNIVERSITY OF NEW BRUNSWICK, Fredericton— *Graduate Student Teaching Assistant*
January 2020 – Present

- Working enthusiastically as a TA for the Mobile Application Development Course (CS2063) at UNB.
- Assisting the instructor in the lab by preparing documentation and solving the doubts of the students during hands-on sessions in the lab.

UNIVERSITY OF NEW BRUNSWICK, Fredericton— *Student Assistant*
October 2019 – Present

- Working independently on a Distributed Database and Caching project in Big Data Lab at UNB.

UNIVERSITY OF NEW BRUNSWICK, Fredericton— *Graduate Student Research Assistant*
October 2019 - December 2019

- Worked (in a team) on a Data Science project for **Centre for Advanced Studies Atlantic** (CASA) for making decisions on real time data which involved Data Science methodologies and some Statistics concepts like resampling and bootstrapping.

Industrial Experience

TATA CONSULTANCY SERVICES, Bangalore (India) — *Assistant System Engineer*
November 2018 – May 2019

- Worked in SAP-Business Warehousing, Business Intelligence**.**

LIVELIKE SPORTS TECHNOLOGIES INDIA PVT. LTD., Gurgaon (India) -*Associate Software Engineer*
July 2018 - October 2018

- Worked in the Client Development team for the project "**Showcase App**", which included all the features of every sport in which the company deals.
- Developed Angles Tab and Schedules Tab (in the Virtual Reality app) using Unity, C#, UniRx (Reactive extension for Unity) and Zenject (Dependency Injection).

LIVELIKE SPORTS TECHNOLOGIES INDIA PVT. LTD., Gurgaon (India) - *Software Developer Intern*
January 2018 - June 2018

- Worked in the Client Development team for the project "**FIFA WC-18**" and "**Roland Garros (RG)-2018**". In RG, I was involved in the development of table tabs and whole app customization (Frontend as well as Backend).
- Coordinated with the production team during the live game. In FIFA WC, I tested and customized 11 apps in a team for different clients during the live tournament.

TATA CONSULTANCY SERVICES — *Software Developer Intern*
June 2017 – July 2017

- Developed an Android application for Health Solutions named "**Instant Remedy**" in which the patients can share their problems and the doctors recommend them the remedies. PlayStore Link: - *https://goo.gl/K9Twdb*

EDUCATION

UNIVERSITY OF NEW BRUNSWICK, Fredericton
September 2019 - Present

Master's in Computer Science by Coursework. – GPA: 3.8/4.3

UNIVERSITY SCHOOL OF INFORMATION, COMMUNICATION & TECHNOLOGY, New Delhi (India)
August 2014 – June 2018

Bachelor of Technology (Information Technology). - 78.01%.

TECHNICAL SKILLS

- ***Technologies/Skills***: - Core-Java, C#, C, CPP, SQL, JS, Git, Android app development, Unity Game development (2d/3d, VR), Firebase.
- ***Libraries***: - Zenject, UniRx, Numpy, Pandas, MatplotLib.
- ***Workspaces***: - Unity, Visual Studio, Visual Studio Code, Android Studio, Eclipse, PyCharm, Microsoft Office.
- ***OS***: - Linux, Windows, Mac OS.

PROJECTS

Movie Spot — *An Android Application for new movies & TV shows' recommendations.*

- Developed and deployed an Android app that contains movies, TV shows and celebrities' ratings and reviews.
- The application runs on the Movie-DB API and gets updated automatically with the new movies. Platform: - Android Studio, Java. PlayStore Link: - *https://goo.gl/G5u4kz*

VR Game — *An Android application for Google Cardboard which comprises of 2 Virtual Reality games.*

- Developed an Android app that contains two VR games: MazeWalk and Adrenaline Rush. Platform: - Unity, C#.

MOOCs Analysis— *Analyzing MOOCs students' data.*

- Analyzed the possible reasons for low completion ratio of MOOCs.

Platform: Python, NumPy, Pandas, Matplotlib.

ACHIEVEMENTS

- ***I Assurance V Certification*** (Jan '17 - Feb '17)- Tata Consultancy Services Quality Assurance Online Course.
- ***Data Structures in Java Certification*** (Jan'16-Apr'16)- Classroom course by Coding Blocks, New Delhi.
- ***Android App Development Certification*** (Jan'17-Apr'17)- Classroom course by Coding Ninjas, New Delhi.