Mayank Rastogi

Computer Engineering Student

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TECHNICAL SKILLS

Programming: C, C++, Python, JavaScript, HTML, Dart, Java, Verilog, Arm
Technologies: Git, React.js, Express.js, Node.js, MongoDB, MySQL, Flutter, CSS, Expo
Software: MS Office, Adobe Flash, MATLAB, SolidWorks, Adobe Photoshop, ModelSim, Quartus

EDUCATION

University of British Columbia   **Expected Graduation: August, 2024**
Bachelor of Applied Science - Computer Engineering
Cumulative Average: 81%
Dean's Honor List

Certificate Courses   **June, 2020 – August, 2021**
Programming, Machine Learning, Artificial Intelligence, and Data Science
20 Course Certificates | Google Drive Link: here

TECHNICAL WORK EXPERIENCE

Emirates Environment Group, Dubai, UAE   **June, 2021 – August, 2021**
Software Engineer Intern
• Developed data management system to automate waste collection using MongoDB, RRule.js, and EJS.
• Researched various scheduling technologies to implement recurring event functionality.
• Attended 3 panelist meetings with 10+ Dubai Authority heads.

Finllect, Dubai, UAE (Remote)   **July, 2020 – September, 2020**
Business Development Intern
• Networked with 10+ businesses and 50+ influencers to generate leads and improve business.
• Collaborated with departments to support business objectives and client acquisition.
• Offered strategic recommendations on improving content offering to facilitate financial literacy.

Anannt Institute, Dubai, UAE (Remote)   **July, 2020 – September, 2020**
Front End Developer Intern
• Developed web pages using HTML and WordPress.
• Designed, implemented, and monitored web pages for continuous improvement.
• Tracked and analyzed web analytics to recommend proactive adjustments to strategies.

ASEA Brown Boveri (ABB), Dubai, UAE   **July, 2019 – August, 2019**
Front End Developer Intern
• Debugged ABB website through the identification of errors and propagation to improve user experience.
• Implemented features to make website innovative and user friendly.
• Engaged in stakeholder consultations and team sessions.

TECHNICAL PROJECTS

WikiMediatorServer, UBC ECE   **November, 2021 – December, 2021**
- Developed thread-safe wiki query methods using a finite-space finite-time buffer and cache, along with implementing a server to handle concurrent JSON client requests.

Class Organizer, Personal Project   **April, 2021 – May, 2021**
- Developed an android app with Flutter, Dart, and SQFLite to manage homework and assignments according to due dates.

Hotel Management System, DPS Sharjah   **July, 2020 – August, 2020**
- Led programming team to design an inventory and processing system to manage bookings and records.

ENGINEERING STUDENT TEAMS

Launch Pad, UBC   **September, 2020 – Present**
Software Developer
- Active team member of Productivity sub-team.
- Developed two mobile apps using Flutter, Dart, and SQL.
- Onboarded UBC Meetable team as Software Developer, working on a React Native app

VOLUNTEER EXPERIENCE

Emirates Environment Group, Dubai, UAE   **September, 2017 – October, 2017**
Environmental Volunteer
- Volunteered in clean up drives and collected 21 tons of waste as a team.

Bee'ah, Dubai, UAE   **November, 2016 – December, 2017**
Environmental Volunteer
- Participated in the 5 campaigns to collect recyclable materials, clean beaches, plant trees.

AWARDS

Outstanding International Student Award, UBC   2020
Worth $10,000

Scholar Badge, DPS Sharjah (9 consecutive years)   2012 - 2020
Awarded for scoring 95%+

INTERESTS

Chess
Formula 1 Racing
Gaming