

# Mayank Rastogi Computer Engineering Student

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## TECHNICAL SKILLS

### Programing Languages

C/C++  
Python  
JavaScript  
HTML  
Dart  
Java  
ARM/Verilog

### Technologies

Git  
React.js, Express.js, Node.js  
MongoDB  
MySQL  
Flutter  
CSS  
Expo

### Software

MS Office  
Adobe Flash  
MATLAB  
SolidWorks  
Adobe Photoshop  
iMovie  
ModelSim/Quartus

## EDUCATION

### University of British Columbia

#### **Bachelor of Applied Science - Computer Engineering**

Cumulative Average: 81%  
Dean's Honor List

**Expected Graduation: August, 2024**

### 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

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**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 SQLite 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

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**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

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**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

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**Outstanding International Student Award, UBC**

**2020**

*Worth \$10,000*

**Scholar Badge, DPS Sharjah (9 consecutive years)**

**2012 - 2020**

Awarded for scoring 95%+

## INTERESTS

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Chess

Formula 1 Racing

Gaming