

Mayank Rastogi

Computer Engineering Student

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[Mayank Rastogi](#)



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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