

Mohit Bhagchandani

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EDUCATION

- University of British Columbia** Vancouver, CA
BSc. Major in Computer Science ; GPA: 4.30/4.33 Sep 2021 - May 2025
Courses: Computation, Programs (92/A+), Programming, Models of Computation (In-progress), Software Construction(In-progress), Calculus 1 (95/A+), Calculus 2 (96 A+), Calculus 3 (In-progress), Matrix Algebra (In-progress)
- Dubai Scholars Private School** Dubai, UAE
High School Sep 2005 - May 2021
A-level Courses: Physics (A), Mathematics (A*), and Chemistry (A)*
O-level Courses: Mathematics (9), Chemistry (9), Physics (8), Economics (7), Business (7), French (7), Environmental Management (A)

EXPERIENCE

- Coding4Community 501c(3)** USA
Head Of Website Development Jun 2020 - Dec 2021
 - Leadership:** Lead a team of 50+ talented student developers from all around the world. Due to the online and global nature of the organisation, leading in such an environment was a new experience from which I learned a lot about decision-making, delegation, and communication. I also helped organise a hackathon.
 - Website Development:** We delivered professional websites to start-ups and NPO's using various web development strategies and technologies.
 - Workshops:** I hosted Python and Machine Learning workshops for students from all around the world.
- SmartMax IT** Dubai, UAE
Technical Internship May 2020 - May 2022
 - Website Development:** Successfully Developed a static website for SmartMax IT (a local IT solutions company), in an attempt to help SMEs to reach their customers during the times of COVID-19.
 - Network Engineering:** Shadowed and innovated outstanding solutions for firewall management, server management, and cloud services for government organisations and other SMEs
- Matay LLC.** Dubai, UAE
E-commerce Website Developer Apr 2020 - May 2021
 - Web Development:** Developed an e-commerce website with user authentication. Managed inventory for over 100 product and product variations. Integrated a payment gateway to accept payments.

PROJECTS

- Password Manager:** Developed a local password manager with a UI made using Java, SQL and JavaFX. Used a number of encryption (AES) and hashing algorithms(pbkdf2, SHA) to store passwords securely in compliance with NIST standards of password storage.
- Brick Breaker:** Developed a version of the Brick Breaker game using Java, Processing and OOP concepts I learned during my first year at UBC.
- Personal Website:** A terminal themed website made using HTML, CSS and JavaScript.

HONORS AND AWARDS

- 2021 Dean's Honors List at UBC
- Award for Exemplary Student Leadership at my High School
- Placed in the top 10% of all test takers and received a medal for the Euclid Mathematics Competition hosted by University of Waterloo.
- Winner at the Water Rocket Competition hosted by Emirates Aviation University.

SKILLS SUMMARY

- Languages/Tools/Frameworks:** Java, Python, SQL, HTML, CSS, JavaScript, Angular, MongoDB, GIT and GitHub, Bootstrap, Tailwind, Node, Express