

Vihaan Chugh

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Portfolio - vihaanchugh.in

Education

University of Toronto (172 St. George St, Toronto) <i>Bsc. Computer Science Specialist</i>	September 2022 – Present Toronto, Ontario
American International School of Lagos <i>IB Diploma - Silver Medal</i>	August 2016 – June 2022 Lagos, Nigeria

Work Experience

R-Systems International <i>www.rsystems.com - HTML, CSS, JavaScript, Bootstrap, Python and MySQL.</i> <ul style="list-style-type: none">Gathered client requirements, discussed project architecture, and specialized in software requirements during R Systems internship.Developed a candidate evaluation system, focusing on API implementation, token generation, and gained experience in full-stack development (stated above). Actively participated in user testing for improved web application usability.	May 2023 – August 2023 Noida, Haryana, India
Rotman Commerce FinTech Association <i>www.rcfintech.ca - HTML, CSS and JavaScript</i> <ul style="list-style-type: none">Developed and implemented the frontend architecture for a sandbox project aimed at simulating stock tradingCollaborated with other developers to design and develop a user-friendly interface for a virtual stock trading platform, providing hands-on experience in the financial market.	July 2023 – August 2023 Toronto, Ontario, Canada
Mindsprint (Olam International) <i>www.mindsprint.org - HTML, Node.js, CSS, React Native and Javascript</i> <ul style="list-style-type: none">Used front-end Development to design and convert CSR website to SSR for performance enhancing.Collaborated with a team of developers, actively contributing to feature implementation, code reviews, and testing processes while gaining valuable experience in agile development methodologies.	May 2022 – August 2022 Bangalore, Karnataka, India

Projects and Clubs

Software Developer and Events Organizer <i>UofT Flutter Developers Group and UofT Computer Vision</i> <ul style="list-style-type: none">Developed a cross-platform mobile application using Flutter for deployment on iOS and Android platforms.Helped in hosting, designing and organizing paper event to support ML community in Toronto 1.5 million,	December 2022 – Present Toronto, Ontario, Canada
Chief Information Officer <i>Basketbet.org - Data Analysis, MATLAB, Python, HTML</i> <ul style="list-style-type: none">Statistical models and predictive analysis algorithms are used to create a dynamic player rating system for basketball wagering.Proceeds generated from the bets 25,000 USD are donated to improve hygiene and sanitation in 100 households in villages across India.	May 2020 – January 2022 Maharashtra, India
Technical Lead <i>www.eternity.eco - MATLAB, HTML, JavaScript, Visual development tools, Cryptography</i> <ul style="list-style-type: none">Eternity is a project that creates futuristic ashrams using IOT, augmented reality, AI, and machine learning.The project involves the Chief Minister of Maharashtra and the project cost is estimated to be over 1.5 million,	January 2019 – August 2020 Lagos, Nigeria

Professional Learning and Qualifications

Introduction of Computational Maths and Big Data Visualization - Brown University (2019) - 98.06% score
Google IT Automation with Python Professional Certificate - Google (coursera) (2022) - Ongoing
Harvard CS50 - Introduction to Computer Science) (2022) - Ongoing

Specialized Skills

Programming Languages: Python, R, HTML, JavaScript, Swift, SQL
Libraries, Web Frameworks and databases: Pygame, MySQL, Django, Reactjs, Reactnative, Flutter, Flask