

Minh Hoang Nguyen

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Edmonton, AB, Canada

EDUCATION

- **University of Alberta** Edmonton, AB
Bachelor of Science in Computing Science with Distinction; Mathematics Minor *Sep 2019 - Jun 2023*
- **IBM** Coursera
IBM Full Stack Software Developer Professional Certificate *July, 2023*

SKILLS SUMMARY

- **Relevant Credits:** Algorithms, Machine Learning, Reinforcement Learning and Intelligent Systems, Software Engineering, File and Database Management, Statistics.
- **Languages:** C#, Java, C/C++, Python, SQL, HTML, CSS, JavaScript
- **Framework and Cloud:** React, .NET, Django, PyTorch, TensorFlow, Node.js, Express.js.
- **Tools:** Android Studio, Git, MongoDB, MySQL.
- **Mathematics and Statistics:** Calculus, Linear Algebra, Geometry, Number Theory, Combinatorics, Probability and Statistics.
- **Soft Skills:** Communication, Problem Solving, Teamwork and Collaboration, Time Management, Creativity.

EXPERIENCE

- **Software Developer Intern** Hanoi, Vietnam
Co-Well Asia *May 2022 - Aug 2022*
 - **Django Framework:** Used Django Framework and Python to develop a website that shows a list of all classes in a school and update students, teachers information of each class. Each student has an account to login to the school website to their grades and teachers' contact for the subjects that they took. All information were uploaded to the database.
 - **Test and Debug:** Participated in code reviews, debugging, and testing to ensure high-quality deliverables.
 - **AI:** Contributed and collaborated with the training team to help the company build a topics of Artificial Intelligence for an international competition for high school students - young developers from other countries in Asia.
- **Software Developer Intern** Hanoi, Vietnam
X-Media *May 2021 - Aug 2021*
 - **C# .NET:** Developed Windows Apps using .NET Framework. Used C# .NET Framework to create a Monopoly game app; created an app that keep track the results of all soccer matches of the 2020 UEFA European Championship.
 - **Project:** Assisted senior developers in designing and developing software solutions for client projects.
- **Software Developer Intern** Frederiton, NB
Accreon *Sep 2018 - Dec 2018*
 - **Java:** Developed many programs in Java that optimize the workflow of the employees in the company, saving hundreds of working hours.
 - **Communication:** Get to know Canadian work culture and ethics, as well as communications in an office setting.
- **Event Technician** Remote
Federation for the Humanities and Social Sciences *May 2022 - Jun 2022*
 - **Duty:** Monitored online sessions and helped with technical issues, ensured all sessions run smoothly, assisted scholars to deliver presentations, kept records of sessions and reported to Federation

ACADEMIC PROJECTS

- **Android App QRCodeGame (Java):** We used Android Studio and Java to create an Android game that is similar to Pokemon Go, but we hunt for QR codes instead of Pokemon. I created an UI for the app, wrote 20% of the code, and did all unit testing. Github: <https://github.com/CMPUT301W22T30/QRCode>
- **Car Dealer Website (HTML, CSS, Django Framework, IBM Cloud):** This is a national car dealership with local branches in the US. I created a website that allows new and existing customers to look up different branches by state and look at customer reviews of the various branches. Every customer can create an account and add their reviews for any of the branches. GitHub: <https://github.com/Bibo1604/CarDealer>
- **Database and File Management (Python, SQL, MongoDB):** I had two mini-projects from the File and Database. For the first project, we used SQL and Python to write a system that is similar to Facebook or other social media. Users can login or register, then post a question and also search, answer, vote, or mark a question posted by others. All the users and posts information were uploaded to the database. The second project is similar to the first one, but instead of using SQL, we used MongoDB. All users can perform the same tasks. In this projects, I wrote 50% of the code and test case. Github: <https://github.com/Bibo1604/CMPUT291>

ACHIEVEMENTS AND CERTIFICATES

- Developing Front-End Apps with React Certificate by IBM (2023)
- Developing Back-End Apps with Node.js and Express Certificate by IBM (2023)
- A University of Alberta Maple Leaf First Year Excellence Scholarship (2019)
- An International Student Scholarship (2019)
- Dean's Honor Roll (2023)