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WEI XU

ABOUT ME

Software Engineer, Full Stack Developer, specialize in MERN stack (MongoDB, Express.js, React.js, Node.js).

WORK EXPERIENCE

Database Programmer (Internship) at Coordinate Industries, Toronto, ON

May 2019 - August 2019

- Updated and maintained database using Microsoft SQL Server.
- Wrote Python scripts to automate repetitive tasks such as file renaming and data entry.
- Helped make the transition to adapt a new management software.

Quality Assurance Tester at Dreamos Prime, Toronto, ON

April 2018 - September 2018

- Collaborated with developers and other testers to discuss the development in progress and the challenges in scope.
- Executed and recorded assigned test cases efficiently and accurately.
- Drafted reports and transcribed them into a professional and easy to understand fashion.

Founder at Amaryllis Climbing, Toronto ON

January 2017 - Present

- Established a brand which focuses on the niche market of rock climbing accessories.
- Coordinated with artists, manufacturer, online retailers, and custom brokers to launch unique products.
- Implemented services to automate essential tasks such as billing, shipping and collecting feedback.

CNC Programmer at Coordinate Industries, Oakville ON

December 2016 - September 2018

- Developed CNC programs to produce high precision aerospace components, based on blueprints and specifications.
- Analyzed and improved on existing programs which resulted in increased efficiency in production.
- Coordinated with engineers and testers to ensure error free production.

SKILLS

Software Engineering

- **Languages:** Java, Python, C.
- **Dev Tools:** Windows, Linux, Github, Microsoft SQL Server, Visual Studio

Web Development

- **Languages:** Javascript, Python, HTML5, CSS3, PHP
- **Dev Tools:** MongoDB (Mongo Atlas, Mongoose), Express.js, React.js, Node.js, Heroku, Bootstrap, Pug.js, Socket.io,

EDUCATION

Carleton University, Ottawa ON — *Computer Science B.C.S Honours*

September 2018 - April 2020

- Focused on Software Engineering and Web Development Streams.
- Studied on System Programming, Web Development, Data Structures, Sorting Algorithms, Run Time Complexity, and etc.

University of Toronto, Toronto ON — *Economics B.A Honours*

September 2012 - June 2016

- Double majored in Economics and City Studies.
- Studied Advanced Macroeconomic Theories, Price Theory, Money and Banking, Canadian Economics, Public Taxing and Spending.

VOLUNTEER EXPERIENCE

University of Toronto Swim Club, Toronto ON - *President*

January 2015 - June 2016

- Successfully negotiated for exclusive swim lanes and club hours at Toronto Pan Am Sports Centre.
- Secured and managed funding to host events and purchase equipments for club members.
- Trained executives to manage daily operations of the club.

University of Toronto Climbing Club, Toronto ON - *VP Operation*

January 2015 - December 2015

- Managed funding and memberships for the club.
- Organized events and trips for club members.