

Byron Tung

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EDUCATION

University of Alberta | Bachelor of Science - Specialization in Computer Science

Expected Dec. 2023

SKILLS

Python, React, Java, SQLite, MySQL, C, Git, JavaScript, HTML, CSS, MongoDB

PERSONAL PROJECTS

Edmonton SafeWalk

- ❑ Worked as a group with a client to produce a functional application with React, Django, and MySQL.
- ❑ Ensured functionality using testing frameworks such as Selenium, Jest, and Django REST API.
- ❑ Deployed on Google Cloud and implemented Google Maps API.

Experimently

- ❑ Developed an android app that collects experiments, results, and chats from users using Firebase.
- ❑ Adopted an agile workflow that allowed constant communication with the customer to understand their goals.
- ❑ Used test-driven development as well as frequent updates on UML and storyboards to promote quality code.

Restaurant Order Organizer

- ❑ Devised a miniature version of a QR code ordering service for a restaurant using Python. Organizes and splits up orders for efficiency and clarity.
- ❑ Uses version control to allow for implementing new features.

EXPERIENCE

Research Volunteer - University Of Alberta | Edmonton, AB

May 2021 - Aug. 2021

- ❑ Worked with a team to meet and discuss the professor's goals on his research on periodic movement in a polygon.
- ❑ Analyzed and discussed requirements using Java and JavaFX.
- ❑ Optimized searching process by automating and minimizing manual searches.

Waiter - Tropika Malaysian Cuisine | Edmonton, AB

Sept. 2017 - Present

- ❑ Working under pressure while managing priorities and time.
- ❑ Demonstrate proficiency in multiple roles to increase efficiency and flexibility in a working environment.
- ❑ Recommending items that fit the customers needs which contribute to improving overall experience.
- ❑ Continuously looking for opportunities to discuss ideas with management to improve customer service.

Badminton Coach - B-Active Badminton Club | Edmonton, AB

July 2016 - Sept. 2018

- ❑ Created, delivered, and led activities for groups of around 30 people that focused on improving fundamentals and morale while reinforcing a risk-taking mindset.
- ❑ Comprehending and adapting strategies through experience and proactive observation at local and provincial levels.
- ❑ Develop communication skills to express and deliver advice through reinforcing fundamentals and creative examples.
- ❑ Trained as a player for 10+ years.

COURSES

CMPUT 204 - Algorithms I

Sept 2020 - Dec 2020

- ❑ An introduction towards algorithm design and analysis with an emphasis on searching, and sorting algorithms.

CMPUT 291 - Introduction to File and Database Management

Sept 2020 - Dec 2020

- ❑ Implemented MongoDB and SQLite databases alongside understanding how data is modeled, indexed, and stored.

CMPUT 301 - Introduction to Software Engineering

Jan 2021 - Apr 2021

- ❑ Applied fundamentals of software engineering by effectively using effective design techniques, development tools, and good practice while collaborating with a team to produce a product.

CMPUT 401 - Software Process and Product Management

Jan 2022 - Apr 2022

- ❑ Developed a functional product alongside the clients while applying software development/management practices.