

YUHUA (MAXWELL) WANG

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EDUCATION

Bachelor of Science, Major Computer Science

Sep 2017 – Present

University of British Columbia

- Major Courses Average: 90.2%, Overall Average: 86.6%
- Focus: Software Engineering, Database Management, Algorithm Design
- Expected Graduation Time: May 2022

TECHNICAL SKILLS

<i>Language</i>	Python, C, C#, C++, JavaScript, Java
<i>Web</i>	Node.js, HTML, CSS, React, Express
<i>Database</i>	Oracle SQL, JDBC, MongoDB, Mongoose
<i>Tools/Environment</i>	Git, GitHub, Linux

WORK EXPERIENCE

Manufacturing Test Engineer Coop

Jan 2020 – Aug 2020

Sierra Wireless

- Developed and troubleshoot calibration and system test softwares in C# and C++.
- Constructed programs in C# and C++ to clean and re-construct .xml/.yaml/.txt log files to better visualize data.
- Implemented Python scripts to extract information from .txt and .xml log files.
- Suggested new processes, such as error-reporting mechanisms, to enhance overall efficiency in product testing and error detection.

TECHNICAL PROJECTS

TreeHole Journals

May 2021 – Present

- Developing in full stack with 3 teammates a web application for writing journals and sharing stories.
- Utilizing React and Material UI for fully responsive frontend development that supports both desktop and mobile devices.
- Constructing a RESTful backend server with Node.js and Express.
- Implementing a MongoDB and relevant backend Create, Read, Update, Delete functionalities.

VOLUNTEER EXPERIENCE AND LEADERSHIP

Vice President Event

Mar 2020 – April 2021

UBC BOLT Bootcamps

- Founded the first data science club in UBC with 6 other students.
- Planned and executed 4 workshops and a case competition. The events attracted around 280 students from more than 20 schools across Canada and the US.
- Reached out to industry professionals and helped to establish cooperation relationships with the campus teams from Amazon, KPMG, Microsoft, and SAP.