LYNN ZHANG

SOFTWARE ENGINEER

🌐 lynnzhang.ca
✉ lynnzhang7@gmail.com
📞 778-859-0833

SUMMARY

I am a fourth year CS student looking for an internship starting January 2019, or May 2019. Currently learning AI/machine learning and web development, I am constantly exploring the computing world to understand how technology can benefit people.

SKILLS

Languages: Java, C, C++, C#, SQL, HTML, CSS, Typescript, Javascript
Other: Git, Matlab, Unity, Arduino

WORK

Microsoft   May 2018 - Aug. 2018
Garage Developer Intern   Vancouver, BC
- Developed a mixed reality HoloLens app to enhance cancer research through a cutting edge 3D visualization tool.
- Led the planning and implementation of the single most important feature required for the app to be useful to researchers: integration with their most common data analysis tool, Jupyter Notebook
- Implemented design into the HoloLens app and companion web app as the UX champion to create an intuitive interface, using linear algebra concepts, the Unity platform and C# for scripts

Statistics Canada   May 2017 - Aug 2017
Co-op Student, Programmer Analyst   Ottawa, ON
- Redesigned an outdated application that calculates Canada's property tax inflation rates
- Implemented the full stack of a references section following the .NET CSLA framework, using C# and SQL

UBC Department of Computer Science   Jan. 2017 - May 2017, Sept. 2016 - Dec. 2016
Teaching Assistant for APSC 160, CPSC 221   Vancouver, BC
- Assisted professors in a data structures and algorithms course and an introductory programming course
- Facilitated learning by leading lab sections, holding office hours, designing labs, and monitoring discussion boards

EDUCATION

University of British Columbia   Sept. 2015 - Dec. 2019
B.Sc in Computer Science   Vancouver, BC
6 out of 8 academic terms completed. 2 out of 4 work terms completed. Cumulative average: 91%.
Courses taken: Machine Learning, Numerical Computation, Relational Databases, Graphics, Intermediate Algorithms

PROJECTS

Campus Explorer   Jan. 2018 - Apr. 2018
- Created a full stack web application with a partner using Node.js that executes complex queries on UBC's courses
- Developed functions to parse HTML to find the dataset and process that file, dealing with asynchronism
- Implemented the web server with REST endpoints to connect with the UI and our API

AirBnB Booker   Nov. 2017 - Dec. 2017
- Built a simple Java application that performs various queries on a MySQL database populated by AirBnB data

AWARDS

University of British Columbia, Trek Excellence Scholarship   Aug. 2016, Aug. 2017
Top 5% of students per faculty, awarded all applicable years.

University of British Columbia, Lorne Manning Hill Scholarship   Aug. 2016
Awarded based on academic accomplishments

BC Children's Hospital, Canucks for Kids Diabetes Summer Studentship   May 2016
Awarded to fund research on Type 1 Diabetes for summer 2016