Doris Zhang

doriszhang912@gmail.com ◇ https://github.com/DorisWZhang ◇ https://www.linkedin.com/in/doris-zhang

EDUCATION

University of British Columbia · September 2023 - May 2027

Bsc, Major in Computer Science (Intended)

- Relevant Courses: Fundamental program and computation structures - Systematic Program Design, Models of Computation, Software Construction
- Received the Centennial Scholarship Entrance Award, valued at $24,000
- GPA: 4.20/4.33

TECHNICAL SKILLS

Programming Languages: Java, Python, Racket, JavaScript, CSS, HTML
Frameworks and Libraries: React, Node.js, NumPy, pandas, PyTorch, Matplotlib
Tools and Technologies: Git, Figma
Certificates: DELF French Level B2

WORK EXPERIENCE

AI4Good Lab · Toronto, ON

Machine Learning Fellow · *May 2024 - Present*

- Pre-processed and cleaned data to ensure quality and consistency
- Utilized ML frameworks and cloud services for efficient model development and deployment
- Collaborated in teams to write prototyping code, ensuring robust and scalable solutions
- Built, trained, and evaluated various types of machine learning models, ensuring high accuracy and reliability
- Conducted hyperparameter tuning to enhance model performance

PROJECTS

Mr. Monkey Childwork Toolkit | *Java*

- An all-encompassing application with resources for leaders (teachers, camp counsellors) working with children
- User and student profiles, allowing users to save names and information to enhance their personalized experience
- Activity database with over 30 games to play with children, filterable by amount of kids, level of energy required, skills and indoor/outdoor games
- Seating chart and group generator, considering children who should not be grouped together by user's preferences

ReadBuddy | *JavaScript, HTML, CSS*

- An online chrome extension providing users with dyslexia a comfortable reading experience across all websites
- Allows users to customize a website's features such as font, font size, word-spacing, and colour, and activate a cursor-following ruler, to increase legibility and accommodate their personal preferences

LEADERSHIP

Development and Alumni Engagement Ambassador · Vancouver, BC

University of British Columbia · *September 2023 - Present*

- Promoted UBC's programs and campaigns in support of student success
- Raised funds to increase student access to financial resources
- Connected with UBC Alumni and Donors to promote their continued engagement with UBC

FIRST Robotics Team Captain · London, ON

Sir Frederick Banting Secondary School · *September 2022 - June 2023*

- Overlooked and managed a team of 40 students, delegating tasks to executives and organizing team outreach events
- Encouraged women's exploration and leadership in STEM, introducing our school's first Girls' Hour of Code
- Presented and pitched our team and FIRST Robotics to worldwide companies, securing over $8000 in sponsorship for the 2023 season
- Helped lead our team to our first District win at University of Western Ontario