

Doris Zhang

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EDUCATION

University of British Columbia

September 2023 - May 2027

BSc, Major in Computer Science

- 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, NumPy, pandas, PyTorch, Matplotlib

Certificates: DELF French Level B2

WORK EXPERIENCE

AI4Good Lab

Toronto, ON

Machine Learning Fellow

May 2024 - Present

- Selected as one of 90 trainees across Canada to collaborate on AI-focused projects for social good, in association with partners like CIFAR, Mila, Vector Institute, Amii, and DeepMind
- Collaborated in teams to ideate, design, and develop a product, ensuring robust solutions to a social issue
- Awarded the prestigious AI4Good Accelerator Award, recognizing the team's AI project for exceptional innovation and impact; facilitated project extension with extensive support and resources from the Lab network

PROJECTS

Brig.ai 🧠 | JavaScript, React, HTML/CSS, Python, Flask, Pandas, NumPy, Sklearn

- Cleaned and pre-processed data on over 1000 entries of self-reported symptoms linked to reproductive health conditions
- Trained Adaboost and Logistic Regression models to predict the likelihood of PCOS and endometriosis, reaching accuracies between 85 and 93%
- Implemented K-means clustering to map symptoms to most efficient groups of diagnostic tests to reveal signs of reproductive health conditions

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