

Wendy Zhang

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Education

University of Waterloo – Candidate for Computer Science and Business Administration Double Degree

- 87.2% cumulative average, Vice-President of Double Degree Club
- 09/2020 – 04/2025

Experience

Production Intern – Electric Panda Entertainment

10/2018 – 11/2020

- Participated in the production of popularly acclaimed films Ms. Purple (screened at the 2019 Sundance Film Festival and one of the 16 finalists for the Grand Jury Prize) and Driveways (premiered at the 2019 Berlin International Film Festival)
- Proofread and edited scripts for 4 projects working with a team of professional screenwriters
- Used DaVinci Resolve 16 to colour correct videos and Unreal Engine 4 to make title sequences

Administrative and Accounting Assistant - Kitsilano Neighbourhood House (NPO)

11/2017 – 07/2019

- Practiced customer service skills by processing transactions for program registration and answering calls
- Prepared data needed for organization tax return using Excel
- Assisted the low-income community to file tax return as part of Canada Revenue Agency's Community Volunteer Income Tax Program

Projects

Funds Web Scraper

- Scraped 15,000 funds from an investment website and generated the top 30 most successful funds and data of the top 10 stocks held by each fund for download
- Funds were sorted by net value and growth rates in the past month, past three months, and past year etc.
- Created using Python and Pandas, NumPy, Re, Requests, LXML libraries

Customized 3D Game Shader

- Adjusted the colour and texture of hair, eye, skin and clothing of game characters
- Applied when built-in shaders in Unity were inefficient to deliver the effects game designers require
- Created using C# and Unity 3D

Spaceship Shooting Game

- Player scored by controlling spaceship to dodge and shoot planets, with single and double player modes available
- Created using Python and Pygame

ID Photo Editor

- Swapped the background colour of ID photos to match different travel document requirements
- Created using Python and OpenCV, NumPy libraries

Skills

Languages: Python, C#, C, HTML, CSS

Software: VS Code, Git, Unity 3D, Unreal Engine 4

Awards

- British Columbia Ministry of Education District Authority Scholarship – for extracurricular achievement in fine arts
- AP Scholar for Distinction – for scores of 5 in Statistics, Calculus AB, Microeconomics and Macroeconomics
- Royal Canadian Legion Remembrance Day Contest Essay Winner at Vancouver 2018