

Cray Xu

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HIGHLIGHTS

- More than 8 months of working experience in Web Development, especially in Front-end Development
- Object-oriented programming
- Algorithms and Data Structures

SKILLS

LANGUAGES

Advanced: C/C++, HTML, CSS
Intermediate: JavaScript, Racket
Fundamental: R, Python, LaTeX

FRAMEWORKS

Angular • SAPUI5
jQuery • Bootstrap
Phaser • Firebase SDK

TOOLS

Vim • Bash
Github • Git • Visual Studio Code
MS Office • iWork
Photoshop • FL Studio 12

EDUCATION

UNIVERSITY OF WATERLOO

Bachelor of Computer Science

- Transferred to CS after 2A
- 2019.9 - Present | Waterloo, ON

Bachelor of Mathematics

- Transferred to Math after 1B
- 2019.1 - 2019.8 | Waterloo, ON

Bachelor of Computer Engineering

2017.9 - 2018.12 | Waterloo, ON

INTERESTS

🎧 Music 🎹 Piano 🎵 Arrangement
🖋 Pen Spinning 🧩 Rubik's Cube
🏸 Badminton 🏓 Table Tennis

ACTIVITIES

- [Google Games Waterloo](#) | April 2018
- Rank: 14/20

AWARDS

- President's Entrance Scholarship
University of Waterloo | 2017

EXPERIENCE

THE HOME DEPOT CANADA | IT DEVELOPER

Sep 2018 – Dec 2018 | Toronto, ON

- Worked in a Agile IT team to develop mobile and web applications for better store management
- Built the front-end of a mobile application and implemented different features based on SAPUI5 framework using SAP WEB IDE
- Designed the UI layouts and built the front-end of a single-page web application using Angular 2

Impact: Facilitated the development of two projects of the IT team and turned lots of creative front-end ideas into reality

SHELEADS | GAME DEVELOPER

Mar 2018 – Apr 2018 | Waterloo, ON

- Designed a HTML5 game for girls aged 6-18 to encourage their leadership and implemented different features using JavaScript based on Phaser framework
- Connected Firebase database with the game to keep track of all responses of players
- Created a authentication page based on Firebase API by using HTML, CSS, JavaScript

Impact: Finished a small projects for a very beginning startup and accelerated the growth of the startup

WANTBOARD | WEB DEVELOPER

Jan 2018 – Feb 2018 | Kitchener, ON

- Modified Node.js codes to automatically extract different information of products on Amazon using the Linux server of DigitalOcean
- Input information of products into the spreadsheet by using Google Scripts and ranked them based on their sales rates
- Created and managed product pages on Shopify
- Monitored websites by using Mouseflow and provided UX/UI designs

Impact: Achieved about 5% more pageviews and 2% more orders after modifying the layout of websites and adding more product pages

PROJECTS

PERSONAL WEBSITE

🏠 crayxu.com | HTML, CSS, JavaScript, Bootstrap, jQuery

- A personal website designed by myself based on the Bootstrap framework to introduce my skills and experience

FLAPPY BIRD

🎮 crayxu.com/flappy-bird | HTML, JavaScript, Phaser

- A simplified Flappy Bird in HTML5 built with Phaser framework

BREAKOUT

🎮 crayxu.com/breakout | HTML, JavaScript, Phaser

- A simple 2D breakout game in HTML5 built with Phaser framework