Cray Xu

crayxu.com | crayxu | zhenchaoxu | zhenchao.xu@uwaterloo.ca

HIGHLIGHTS

• More than 8 months of working experience in Web Development, especially in Front-End Development
• Algorithms and Data Structures

SKILLS

LANGUAGES

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