

# Cray Xu

🏠 [crayxu.com](http://crayxu.com) | 🌐 [crayxu](https://crayxu.com) | in [zhenchaoxu](https://github.com/zhenchaoxu) | ✉ [zhenchao.xu@uwaterloo.ca](mailto: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

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

## EDUCATION

### UNIVERSITY OF WATERLOO

Bachelor of Mathematics  
2019.1 - Present | Waterloo, ON  
• Transferred to Math after first year  
Bachelor of Computer Engineering  
2017 - 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 part of a mobile application and implemented different functionalities of several screens 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; 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 two small projects for a very beginning startup and accelerated the growth of the startup

### WANTBOARD | WEB DEVELOPER

Jan 2018 – Feb 2018 | Kitchener, ON

- Implemented Node.js to extract information on Amazon automatically by operating the Linux server on DigitalOcean
- Input information of products into the spreadsheet by using Google Scripts and ranked them based 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 WEBSITES

🏠 [crayxu.com](http://crayxu.com) | HTML, CSS, JavaScript, Bootstrap, jQuery

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

🌐 [crayxu.com/blog](https://crayxu.com/blog) | Markdown, Hexo

- A personal blog built with Hexo blog framework and deployed on Github and aims to introduce my learning experience and my life
- Researched a large number of documents about Hexo and Next theme to implement various kinds of effects on my blog