Cray Xu

1B Computer Engineering

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EDUCATION

UNIVERSITY OF WATERLOO
B.AS in Computer Engineering
Expected May 2022 | Waterloo, ON
Cum. GPA: 86/100

SKILLS

LANGUAGES
Advanced:
C/C++ • HTML • CSS
Intermediate:
JavaScript • Java • Node.js
Fundamental:
Python • Markdown • LaTex

FRAMEWORKS
jQuery • Bootstrap,
Phaser • Firebase SDK

TOOLS
Linux • macOS • Windows
Github • Git • cPanel
Visual Studio Code • Vim
WebStorm • Eclipse • Xcode
MS Office • iWork • Photoshop
FL Studio 12

QUALIFICATIONS

· Excellent self-leader and
quick-learner with strong attention to
details
· Exceptional critical thinking and
problem-solving skills
· Outstanding and motivated
team-player
· Consistently seeking and learning
new technologies

INTERESTS

🧠 Artificial Intelligence
♪ Music
🎹 Piano↘
space.bilibili.com/12697069
◉ Arrangement↘
soundcloud.com/zhenchao-xu
Pen Spinning
🧩 Rubik's Cube
🏸 Badminton
🏓 Table Tennis

EXPERIENCE

SHELEADS | Game Developer (Startup, 2017)
Mar 2018 – Apr 2018 | Waterloo, ON
- Designed a **HTML5** game for girls aged 6-18 to encourage their leadership
- Implemented different features for this game using **JavaScript** based on **Phaser** framework
- Hosted the game on **cPanel** and connected **Firebase** database with the game
- Created a log-in page based on **Firebase API** using **HTML, CSS, JavaScript**

WANTBOARD | Web Developer (Startup, 2015)
Feb 2018 – Mar 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

BANK OF CHINA | Manager Assistant
May 2017 – Jul 2017 | Jiangsu, China
- Collect and input information of clients into the computer using **Excel**
- Presented work reports and innovative ideas for custom service during weekly meetings using **PowerPoint**
- Assisted clients in filling various forms like tax forms, bank card application forms, etc.

PROJECTS

PERSONAL WEBSITES
⌂ crayxu.com | HTML/CSS/JavaScript
- A personal website based on the template of html5up.net and aims to introduce my skills and experience
- Used **jQuery, Bootstrap** and other open-source to make my website dynamic and appealing

🌐 crayxu.com/blog | Hexo/Github
- A personal blog built with **Hexo** blog framework and deployed on **Github** and aims to introduce my learning experience and my life

🗄 crayxu.com/coursework | HTML/CSS/JavaScript
- A personal coursework description website based on the template of html5up.net and aims to describe all my courses I have learnt at University of Waterloo

SELF-TAUGHT CS136 | C
⌥ github.com/crayxu/cs136
- Topics: memory management, efficiency analysis, algorithm designs, abstract data types

AWARDS

2017   President's Entrance Scholarship   University of Waterloo