

BOXUN LI

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BoxunLi

boxunli.github.io

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SKILLS

LANGUAGES AND DEVELOPMENT:

- Java
- C++
- RobotC
- HTML
- CSS
- React.js (learning)

DESIGN:

- AutoCAD
- Solid Works
- Photoshop
- Adobe Illustrator Draw
- Sketchbook

AWARDS

- Waterloo Pascal Math Contest School Champion
- Waterloo Fermat Contest School Champion
- Waterloo Euclid Math Contest Distinction Award (top 25%)
- Kiwanis Music Festival Platinum Award
- Ontario Band Association Gold Award
- Carnegie Hall Band Performance Award

EDUCATION

CANDIDATE OF BACHELOR OF APPLIED SCIENCE- MECHATRONICS ENGINEERING

UNIVERSITY OF WATERLOO | 2019 - PRESENT

SUMMARY OF QUALIFICATIONS

- **3+ years of coding experience** in **java**, one year experience using **C++** and proficient knowledge on **HTML, CSS and React** through multiple programming courses taken and projects listed below.
- **Creative designer** as demonstrated through my years of graphic design and marketing experience.
- **Self driven** as shown through my entrepreneurship in starting up my own clothing brand.
- **Team player** with years of team-working experience gained through being part of school clubs and youth councils.

PROJECTS

WEB & UI/UX DEVELOPER

HTML AND CSS

PERSONAL WEBSITE | JANUARY 2020

- First-hand experience on front-end development using self-taught **HTML and CSS** to create my professional website.
- [Click here to see more of my work!](#)

FRONT-END DEVELOPER

REACT.JS & CSS

EYESEE WEB APPLICATION | MARCH 2020 - PRESENT

- Created a web app service for medical practitioners to diagnose and identify diabetic retinopathy that is accurate and efficient.
- Implemented existing APIs using **React.js** and **HTML** and designed all visuals for web app using React and **CSS**.
- Collaborated and effectively communicated code through **Github**.

ROBOTICS PROGRAMMER & MECHANICAL DESIGNER

C++ & ROBOTC

FIRE FIGHTING ROBOT | NOVEMBER 2019

- Designed and constructed an autonomous robot containing 4 sensors and 4 motors that's capable of locating and extinguishing small fire.
- Coded for two fire extinguishing methods and a path-finding algorithm to locate fire, all using **C-based event-driven embedded systems**.

GAME DEVELOPER

JAVA

VARIOUS JAVA PROJECTS | FEBRUARY 2018 - FEBRUARY 2019

- **Diner Dash**: Time pressure cooking game inspired by existing game Overcooked, created with a team, focused on implementing knowledge of **data-structures** (linked-lists, queues, stacks, etc).
- **Rusty River**: Extensive "escape room" inspired game created with a team requiring **object oriented programming** and understanding **data-structures**.
- **No Tomorrow**: Top-down shooter zombie survival game, created in a team, using object oriented programming focusing on manipulating **user input**.

EXPERIENCES

CO-FOUNDER

MERAKI DISTRICT CLOTHING | NOVEMBER 2016 - PRESENT

- Designed popular merchandises and promotional materials for Meraki District through **Photoshop** and digital drawing, **making over 400 sales**.
- Communicated with suppliers and customers and developed long-lasting personal relationships.

GRAPHICS DESIGNER

PLATFORM FOR YOUTH CREATIVITY | SEPTEMBER 2017 - JUNE 2019

- Directed the promotional campaigns in collaboration with a team of 17 people.
- Developed detailed plans regarding logistics for events using spreadsheets.
- Design logos and posters for events with Adobe illustrator draw and Photoshop, **increasing social media followers by 2k**.