

CEILINE ZHANG

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EXPERIENCES

**FULLSTACK SOFTWARE DEVELOPER, DEPARTMENT OF NATIONAL DEFENCE
AEROSPACE WARFARE DIVISION** 2018

- Worked with a team to design and develop an Aerospace Warfare innovation management web and mobile platform using **React.js**, **ReactNative**, **Express.js**, **Node.js**, **MySQL**, **HTML** and **CSS**
- Took project ownership of the Posting and Commenting systems and moderated **A/B** tests of prototypes and wireframes for over **100** users, analyzing and implementing results
- Configured and deployed a **mySQL** database and a webapp using **Heroku** and **AWS** (RDS, EC2)

FOUNDER AND HEAD OF PRODUCT, IGNITR INC 2018

- Led a team of **4 full-times** and **3 co-op** students to develop a **React.js** webapp to help homeless youths find temporary employment in the community
- Raised over **\$20,000** in funding through presenting at various pitch competitions
- Prototyped designs using **Adobe Photoshop/ Illustrator** and managed the development of the webapp from start to finish using tools such as **Trello**
- Met with over **120** users to gather feedback and utilized that information to redesign the webapp
- Formed partnerships with over **10** community organizations, **5** youth shelters and helped over **30** youths through the duration of our beta-testing

PRESIDENT, WATERLOO ENTREPRENEURSHIP SOCIETY 2018

- Directed the executive team to organize events for over **1,800** Society members
- Led a multidisciplinary team to develop a new feature to connect startups and students, recruited **40** students to conduct testing
- Thoroughly analyzed user feedback and suggestions to introduce changes which led to society membership increasing by over **35%** and weekly social media post engagement by **284%**
- Executed new marketing strategies for our Showcase which increased attendance by over **40%**

PRODUCT MANAGER, LANGLEY CHINESE ASSOCIATION 2018

- Headed the development of a webapp from start to finish using **React.JS**, **HTML** and **CSS**
- Analyzed both quantitative and qualitative data on information gathered from one-on-one interviews, surveys, and local user testing of a prototype created using **Adobe Photoshop**

TECHNICAL PROJECT COORDINATOR INTERN, PARKMINSTER UNITED 2017

- Helped design and execute new website pages regarding recent projects
- Created posters and promotional materials for events using **Adobe Photoshop** and **Illustrator**
- Provided technical tutorials for computer softwares as well as hardware systems

PRODUCT LEAD, POWER-UP, SURREY BOARD OF TRADE 2016

- Led a group of **30** members from product ideation and research to operations to liquidation
- Designed and implemented a company website
- Contacted and negotiated with production companies and lowered purchasing price by **25%**
- Delivered final liquidation presentation to over **200** local business professionals
- Company **tripled** initial investment funds

EDUCATION

UNIVERSITY OF WATERLOO, HONOURS MANAGEMENT ENGINEERING
2016-2021

SKILLS

LANGUAGES:

SQL, Java, Javascript (React.js, Express.js, Node.js), HTML, CSS, VBA, PHP, R

TOOLS:

Adobe Photoshop, Illustrator, Amazon Web Services (EC2, RDS), MongoDB, MySQL, Pages, InDesign, Microsoft Office, Git

SOFT SKILLS:

Team-work, Leadership, Time management, Presentation

PROJECTS

TASK MANAGEMENT SYSTEM
2018

- Developed a daily task manager webapp to help organize and decide the most efficient order to accomplish tasks using **React.js**, **Node.js**, and a **SQL** database
- Prototyped designs using **Adobe Photoshop** for feedback before development process

CRYPTOCURRENCY COIN SIMULATOR
2018

- Led a team in the development of a real-time cryptocurrency simulator webapp using **React.js** and **Node.js**, and a **MongoDB** database
- Conducted customer research and testing to alter site flow
- Prototyped designs using **MockPlus** and **InDesign**

MAPLE TA VIRTUAL ASSISTANT
2017

- Used **Excel VBA** to create a decision support tool in the form of a virtual assistant to help with vacation planning