

Hong Yi Chen

COMPUTER SCIENCE AND BUSINESS DOUBLE DEGREE STUDENT · DESIGNER AND DEVELOPER

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Skills

Programming Java, C, HTML/CSS/JavaScript, React, Angular, Scheme

Tools/Technologies MongoDB, Git, Illustrator, Figma, Photoshop, Bootstrap, JIRA, Trello, Postman, Rasa, Mycroft

Work Experience

Royal Bank of Canada

Toronto, Ontario

INNOVATION DEVELOPER

July. 2019 - August. 2019

- Revamped front-end of internal talent and performance management platform for **1700+ employees** using Angular
- Ensured responsive **cross-platform compatibility** of web pages for all employee devices and browsers
- Conducted **UI/UX research** through interviews while managing project tasks using **JIRA** and applying **agile** methodologies
- Won **IoT award** in an internal Voice hackathon (20+ teams) by using a Raspberry Pi to integrate **MyCroft** and **RASA**

AcornTalent

Toronto, Ontario

CHIEF PRODUCT OFFICER AND CO-FOUNDER

Oct. 2018 - July. 2019

- Led a team of 7 in full-stack development using HTML/CSS/JavaScript, MongoDB, and Heroku; garnering **300+ platform users**
- Designed web pages using Adobe XD based on various **user journeys** and **personas** to create intuitive UI/UX
- Conducted internal and external **QA testing** weekly, iterating on issues and **increasing total user sessions**
- Ran internal **ideation** sessions, product sprints, and **market research** (product-market fit) related activities

Logics Academy

Markham, Ontario

WEBSITE DEVELOPER AND MARKETING INTERN

July. 2018 - Sept. 2018

- Revamped product pages with new content, layouts, and animations using HTML/CSS/JavaScript, React and Bootstrap
- **Increased conversion rate by 2%** by redesigning and optimizing e-commerce store based on user feedback
- Grew social engagement and overall reach on Twitter, Instagram, and Facebook by **20%** through **targeted campaigns**
- Conducted website **QA testing** to discover errors, optimize usability, and ensure cross-platform compatibility

Royal Bank of Canada

Toronto, Ontario

INTRAPRENEURSHIP INTERN

July. 2017 - Sept. 2017

- Assisted in product/innovation development in intrapreneurship, launched several internal campaigns and resources
- Implemented UI/UX and graphic design to help create **layouts, logos, and wireframes** for an ideation game and RBCx
- Increased **community engagement** and maintained internal platform pages on RBC Connect
- Created post on Gen-Z innovation that was featured on RBC Connect homepage with **1000+ engagements**

Projects

tourhub

- Personalized travel and booking platform using React, Firebase, Google Cloud, Node.js and scraping data from Accenture API
- Awarded **Best Use of Accenture's "Accentours" API Prize @ Hack the North 2019** with 1000+ participants

exercise-tracker

- Exercise and user tracker (stores and extracts user input) built using MongoDB, Express, React, Bootstrap and Node.js
- Built webapp on **MERN stack** that retrieves JSON objects from a MongoDB cluster

chromeSummary

- Chrome plugin that creates summary of webpages using Watson's NLP Analysis, Python back-end and a Heroku server
- Used Python's NLTK and Google's Tensorflow to filter, deconstruct and reconstruct data into readable summaries

sentiment

- Webapp that processes journal entries to identify and track underlying emotions
- Built using React, Firebase and Google Cloud's NLP APIs to perform sentiment analysis

Education

University of Waterloo and Wilfrid Laurier University

Waterloo, Ontario

CANDIDATE FOR COMPUTER SCIENCE AND BUSINESS ADMINISTRATION DOUBLE DEGREE

- Involved in WATonomous Design Team, Intramural Ultimate Frisbee, Badminton Club, Data Science Club, Xlerate and UW/UX