Ryan **Shim**

2B Computer Science Major

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Languages: Python, C, MySQL, JavaScript, HTML5, CSS3, Scheme
Technologies: ReactJs, Django, Pandas, NumPy, Bootstrap4, Pygame

Work Experience

Nokia
September 2019 - December 2019

Software Designer

- Refactored over 15 reusable components in ReactJs to follow new design guidelines set by the UX team
- Built new reusable react components, Tile and TileGrid, to be used in a minimum of two applications
- Produced over 10 sample implementations of core react components to assist other software designers
- Used Enzyme to test react components to ensure proper functionality

Projects

E-Commerce App

- Used Django to build an app that allows users to buy items off an online store
- Implemented user authentication system for customers and admins where admins get full control of products displayed on the app
- Built a credit card payment system using Stripe with features that store purchase information in a database

Weather App

- Used ReactJs to build a weather app using weather API for data
- Wrote asynchronous API calls for better performance
- Implemented search functionality to show weather in cities all over the world

Solitaire Card Game

- Used Pygame, a library for python, to build a fully functional solitaire card game
- Implemented object-oriented programming for card and deck functionalities

Education

University of Waterloo

Bachelor of Computer Science
2018 - present

- Faculty Average: 85/100
- Cumulative Average: 85/100
- Term Dean's Honours List for Spring 2019 and Winter 2020
- Term Distinction for Spring 2020