

ALLISON ZHANG

4A COMPUTING AND FINANCIAL MANAGEMENT

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in AllisonZZ 🔄 j544zhan

SKILLS

LANGUAGES: Python, JavaScript, HTML/CSS, C/C++

OTHERS: Django, React, NextJS, GrapesJS, Git

OS: Windows, MacOS, Linux

EMPLOYMENT

Loblaw Digital

Full Stack Developer - CMS Tool

Toronto, ON
09/2018 - 12/2018

- Improved the in-house CMS tool by adding more features to the admin panel
- Improved performance and usability of the app by optimizing the tool's restAPI
- Integrated with a major internal client, which is used by more than 18 million users
- Developed using Python, Django, PostgreSQL
- Generated user guide and documentation for the CMS tool

Full Stack Developer - CMS UI

Toronto, ON
01/2019 - 04/2019

- Built a drag-and-drop UI that integrates with the existing CMS, and renders content both UI and client website using a shared component library
- Used NodeJS, NextJS, React, and GrapesJS
- Created CRUD API for connection of UI and the CMS tool
- Demoed the UI to production and marketing teams at the end of co-op term

The Empire Life Insurance Company

Full Stack Developer

Toronto, ON
01/2018 - 04/2018

- Developed a new web application from scratch used for managing investment/insurance advisors
- Developed using Python, Django with PostgreSQL, HTML/CSS, JavaScript
- Increased efficiency in access to advisor information by managing two XML data files using SQL
- Created test cases based on user requirements in Python and Selenium WebDriver in CircleCI

PROJECTS

Personal Website

Current

- Created personal portfolio website which is currently hosted on Heroku
- Developed using React, NextJS, MongoDB
- Enabled authentication on the website using Auth0, which also defines site owner using rules definition
- Built UI for CRUD API calls on portfolios for site owner management

Hackdays

03/2019

- One-day hackathon event held by company
- Developed a basic Django app that keeps track of issues/requirements on company apps provided by production team, which can ultimately handle bulk creation of tickets on JIRA boards

Google Cloud Derby

03/2019

- Built self driving robot that plays ball game against other robots in a team of four using Google Cloud Platform

EDUCATION

University of Waterloo

Candidate for Bachelor of Mathematics, Honours Computing and Financial Management 2020

09/2015 - Current