

KRYSTINE XIE, D. PT

Full-Stack Developer | Doctor of Physical Therapy

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TECHNICAL SKILLS

Languages: JavaScript, Python, HTML/CSS, Java, PHP | **Frameworks:** Django, Django Rest Framework, Flask, Express.js, Node.js, Spring Boot | **Libraries:** ReactJS, Redux, jQuery, Bootstrap, Semantic UI, Mongoose | **Databases:** PostgreSQL, MySQL, MongoDB, SQLite | **Tools:** VSCode, GitHub, Spring Tool Suite, Android Studio | **Spoken Languages:** English, French, Cantonese
Right To Work: U.S Citizen, Canadian Citizen

TECHNICAL PROJECTS

FRIDGE BUDDY | Developer - [github](#) - 11/2020 to 12/2020

A personal home organizer web application that allows users to track grocery inventory, create lists for shopping and meal plans

- Designed and built a deploy-ready web application written with a **Python and a Django MTV** framework that allowed for fast and scalable development of the backend while establishing a responsive and dynamic user experience with **JavaScript & Bootstrap**
- Collaborated remotely with another developer via Github and remote conferencing to build, test, review, and deliver a functional application within 5 days

AU JARDIN DE MAY | Full Stack Developer - [github](#) - 12/2020 to Present

An e-commerce website for ordering + buying custom-made flower & succulent arrangements

- Designed the wireframe and entity-relationship diagram using **Balsamiq** and **Lucidchart** for systematic + effortless database and frontend blueprinting, respectively
- Leveraged **ReactJS** + **Semantic UI** for a seamless and consistent UI with responsiveness in mind and **Redux** to facilitate management of the website's entire state
- Engineered the e-commerce's **RESTful API** with **Django REST Framework** to serialise data to JSON objects

PROFESSIONAL EXPERIENCE

Physiotherapist Resident | Trillium Health Partners | Mississauga, ON, Canada

11/2019 -

- Developed short and long term exercise plans for post-surgery patients that included daily strengthening, endurance & breathing exercise programs that aligned with individual needs and ensured successful recovery
- Leveraged industry expertise, communication, and planning to influence and partner with allied health-care professionals including surgeons, nurses & OTs to establish a holistic treatment strategy that allowed patients to safely transition home

03/2020

Physiotherapist | WorkXtra Aged Care | Melbourne, Australia

11/2018 -

- Developed individualised and effective pain management, exercise & falls prevention programmes for residents through thorough analysis of resident past medical and social histories

03/2019

Sports Trainer | Old Melbournians FC + Riverdale Soccer Club | Melbourne, Australia

03/2017 -

- Treated in-game acute injuries and educated players on effective rehabilitation + precautions during games & training

12/2018

EDUCATION

Coding Dojo | Full-Stack Developer Certificate | San Jose, California

10/2020 - 01/2021

- Intensive Full-Stack training programme in Python, Java & MERN stack (~60-70h/week)
- Blackbelt Certified in Python, Java & MERN stacks**, the highest level of achievement in language examination

University of Melbourne | Doctor of Physiotherapy | Melbourne, VIC, Australia

02/2016 - 12/2018

McGill University | Bachelor of Science, Kinesiology, Intl' Dev | Montréal, QC, Canada

09/2010 - 04/2014

Relevant Coursework: JavaScript Algorithms & Data Structures Masterclass, The Complete React Developer Course (w/ Hooks & Redux), Codecademy Web Development Certificate, The Complete SQL Bootcamp 2021: Zero to Hero

Interests: Long distance running, fitness, avid cook/baker, travelling, reading