Brandon Tsai

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EDUCATION

Auckland University of Technology, Auckland, New Zealand   Dec 2016
Bachelor of Health Science (Physiotherapy)

SOFTWARE PROJECTS

Weather Hunter App   https://weatherhunter.herokuapp.com/
- Developed a app that allows users to search the weather of different cities and to store them
- Integrated search functionality to query MetaWeather API for the weather of multiple locations
- Designed a backend server to store weather and users in an online database
- Utilized: MetaWeather API, React, Redux, MongoDB, Node.JS, HTML/CSS, Material-UI, Heroku, Github

Physio Revolution Ecommerce Website   https://physiorevolution.herokuapp.com/
- Created an Ecommerce website that allows users to shop and store items in a cart and proceed to checkout
- Incorporated secure user authentication using JSON web tokens
- Designed RESTful backend server to store product items, users info and cart items in an online database
- Integrated persistent data storage using web local storage to archive cart items
- Utilized: React, Redux, MongoDB, Node.JS, HTML/CSS, Bootstrap, Heroku, Github

Personal Portfolio   https://brandontsai.herokuapp.com/
- Designed personal portfolio using responsive and mobile first-design
- Utilized: HTML/CSS, JavaScript, JQuery, Heroku, Github

WORK EXPERIENCE

Roskill South Physio, Auckland, New Zealand   Feb 2017 – Present
Lead Physiotherapist
- Assessed physician referrals for client injuries to propose individualized recovery plans for 45+ clients per week
- Routinely performed diagnostic exams to evaluate muscle, nerve, joint and functional ability
- Expertly customized physiotherapy techniques to meet specific needs of the client
- Co-ordinated and liaised with physicians, acupuncturists, chiropractors and specialists
- Provided excellent service and treatment, increasing client retention rate by 15% since joining the clinic

Musculoskeletal Outpatients, Greenlane Hospital (12-week placement)
Cardiothoracic Surgical Ward, Auckland Hospital (12-week placement)
Rehab Plus Neurological Inpatients, Point Chevalier (12-week placement)

LEADERSHIP EXPERIENCE & COMMUNITY INVOLVEMENT

Tai-Chi Application, *Research Project Lead*   Feb 2016 – Nov 2016
- Researched and evaluated user experience of a mobile Tai-Chi App spanning from young to elder age groups
- Gain mobile application usability experience

Mt Roskill Grammar School Rugby Team, *Lead Physiotherapist*   Feb 2017 – Nov 2019
Grammar TEC Rugby (Under 21), *Lead Physiotherapist*
Auckland Women National Tag Rugby Team, *Lead Physiotherapist*

SKILLS

Software technologies
- HTML, CSS, JavaScript, JQuery, React.JS, Redux, Express.JS, Node.JS, MongoDB, Bootstrap, Github, Heroku

Interests
- C# technologies, Python technologies, self-learner