Dong Hu

FULL-STACK DEVELOPER

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SKILLS

Development

- JavaScript (ES5, ES6)
- Node.js
- React/Redux
- HTML5/CSS3/SASS/SCSS
- Ruby/Rails
- MongoDB
- PostgresSQL
- Express
- Heroku
- Git

Design

- Interaction design
- Wireflow
- Branding
- User sequence diagrams

Toolkit

- Sketch
- Illustrator
- Final Cut Pro
- Photoshop

EDUCATION

Immersive Web Development

Lighthouse Labs
May '17 - June '17

BSc Honours Kinesiology Co-op

University of Waterloo
Minor in Pre-Health Professions
Sept ' 12 - Apr '14

HOBBIES

- Fitness
- Streetwear
- E-commerce
- Basketball
- Barbering
- Healthcare
- Backpacking

EXPERIENCE

Software Developer - ApplyBoard

Aug '17 - Present • Kitchener, ON

- Redesigned primary user facing pages such as school, program search and school instituion pages with the goal of improving UX and user retention
- Worked closely alongside product management and internal teams to implement new features and products with a client empathy mindset
- Built components using React, Redux focusing on resuability and modularlity as well as unit testing and integration testing utilizing Enzyme, Jest and Cypress.

Fellow - MyPlanet

Aug '17 - Aug' 17 • Toronto, ON

- Participated in an 2-week internship geared towards learning agile, applying AI in the real world, and working with the latest development platforms to build a product for a non-for-profit/charity.
- Liaised with IBM to incorporate their latest technologies into the project such as Bluemix and Watson
- Worked in a team of 4 to build real-time twitter feed prototype app utilizing React.js, MongoDB, Twitter API and the Watson Tone Analyzer API

Research Assistant - University of Waterloo - School of Pharmacy

Jan '16 - Apr '17 • Kitchener, ON

- Investigated pharmacist interventions to reduce polypharmacy and high risk medication use among frail elderly in primary care.
- Conducted qualitative coding of interview data utilizing NVivo data analysis software
- Streamlined data entry and abstraction of medical records for over 1000 patients by creating a Microsoft Access (DBMS) database to replace current PS Suite EMR thereby improving retrospective data collection to a month

Research Assistant - Toronto Rehabilitation Institute

Jan '14 - Dec '14 • Kitchener, ON

- Participated in rehabilitation of patients with spinal cord injury (SCI), gaining over 100 hours of clinical hands-on experience with paraplegic and tetraplegia individuals under the guidance of a physiotherapist
- Strengthened research methodology techniques through verifying ethics and assessment documents which included formatting standard operating protocols, case report forms, and applications for REB approval

PROJECTS

Social Media Analyzer for Girl Guides Canada

- Presented with the problem where girls, parents, guiders or other sr. volunteers had no centralized way to share what they feel/think about the massive internal changes
- Developed an application that allows client to consolidate data from social media using Twitter API
- Analyzed sentiment (joy, fear, sadness, disguist, anger) of each tweet body utilziing Watson Tone Analyzer API

Itineroo

- Developed a travel planning app that enables users to collaborate on desired desintations and plan itineraries
- Built with React.js, Node.js, Express.js, PostgreSQL, Google Maps API, Google Places API
- Won 'People's Choice Award' at Lighthouse Labs Demo Day

Bon Appetit

- Developed a food pick-up ordering app that notifies users and restaurant owner via text-message or voice call regarding client's order status
- Built with Node.js, Express.js, jQuery, PostgreSQL, Knex.js and Twilio API