

Dong Hu

FULL-STACK DEVELOPER

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SKILLS

Languages

- JavaScript (ES5, ES6)
- TypeScript
- Ruby on Rails
- Python
- SQL
- HTML/CSS

Development

- Ruby on Rails
- React.js/Redux
- Node.js
- Express
- PostgreSQL
- MongoDB
- Heroku
- Git
- Docker
- Kubernetes
- Kafka
- Jest
- Enzyme
- Postman

Design Tools

- Sketch
- 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 '17

HOBBIES

- Basketball
- Streetwear
- E-commerce
- Board games
- Barbering
- Healthcare
- Photography

EXPERIENCE

Software Developer - ApplyBoard

Aug '17 - Present • Kitchener, ON

- Hired initially as a frontend developer and transitioned into a full-stack developer role to drive the on-going conversion of a monolith web-app built on Ruby on Rails into a microservice based architecture through converting legacy static views into modern dynamic pages with React.js
- Liaised with marketing team to build out a standalone wordpress site allowing internal employees to blog, and publish events to users in order to streamline website updates
- Maintained and built automation tools that interact with webapps to expedite internal processes related to all facets of an application lifecycle including submitting, processing, updating and verifying documents
- Built, tested and documented APIs utilizing RESTful and JSONAPI standards with OpenAPI and SwaggerUI
- Stack: React.js, Redux, Node.js, Vue.js, Ruby on Rails, PostgreSQL, MySQL, Flask, Google Chrome Extensions, Cucumber, Docker, Kubernetes, Kafka

Fellow - MyPlanet

Aug '17 - Aug '17 • Toronto, ON

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

PROJECTS

Social Media Analyzer for Girl Guides Canada

- Worked in an Agile team of 4 to build a real-time twitter feed prototype app that allows users to filter by key words, tags or twitter handles for a non-profit/charity of our choice - Girl Guides of Canada
- Built with React.js, Node.js, MongoDB, Twitter API and Watson Tone Analyzer API to analyze sentiment (joy, fear, sadness, disgust, anger) of each tweet body

Itinerary

- Developed a travel planning app that enables users to collaborate on desired destinations 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