Dong Hu

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EXPERIENCE

ApplyBoard, *Software Developer*
AUG 2017 - PRESENT

- Migrated legacy monolithic web-application built with **Ruby on Rails** into microservice architecture utilizing **React.js** increasing development and deployment efficiency as well as separation of business concerns into user personas
- Automated interaction with web portals and PDFS in order to expedite internal customer experience workflow by creating a **Google Chrome extension** written in **JavaScript** and **jQuery**
- Stabilized backend payment infrastructure and scaled frontend interfaces to allow **micro-transactions**, promotions, increased user engagement
- Increased developer productivity by building **RESTful APIs** following **JSON:API** standards and documentation with **SwaggerUI**

MyPlanet, *Fellow*
AUG 2017 - SEPT 2017

- Spearheaded design of real-time twitter feed prototype app built with **Node.js**, **React.js**, **MongoDB** leveraging **IBM Watson** to analyze social media engagement for Girl Guides of Canada

University of Waterloo, *Research Assistant*
JAN 2016 - APR 2017

- Investigated pharmaceutical 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** resulting in end of the term poster presentation
- Streamlined data entry and abstraction of medical records for over 1000 patients by creating a **Microsoft Access (DBMS) databas**e to replace **PS Suite EMR** expediting a year long retrospective data collection to only a month

EDUCATION

Lighthouse Labs, *Web Development*
MAY 2017 - JUNE 2017

University of Waterloo, *Bachelor of Science*
SEPT 2012 - APR 2017

Kinesiology, Minor in Pre-Health Professions

TECHNICAL SKILLS

Languages: JavaScript (ES5, ES6), TypeScript, Ruby, Python, SQL, HTML/CSS, PHP

Frameworks: Ruby on Rails, Node.js, Express.js, Google Chrome Extensions, Flask, MySQL, PostgreSQL, MongoDB, Heroku, Git, Docker, Kubernetes, Jest, Enzyme, Postman, Cypress, AWS S3, AWS ECS, AWS ECR

Libraries: React.js, Redux, VueJS, Kafka, ZooKeeper, Bootstrap, jQuery, BeautifulSoup, Selenium, Cucumber

PROJECTS

Shopify Release Monitor

- Notifies updates of a shopify store utilizing **Docker**, **MongoDB** and **Discord.js**

Instagram Mass Like, Follow, Unfollow

- **Google chrome** scripts allowing Instagram user to mass like posts, and follow/unfollow users

Iterneroo

- Travel planning app built with **React.js, PostgreSQL, Google Maps API** enabling users to collaborate on a desired itinerary