

RONALD HUNG

Software Engineer

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WORK EXPERIENCE

Front End Engineer

UBS Group AG, AMIT Business Solutions

September 2019 – Ongoing New York City, NY

- Constructed single page applications from ground-up such as a smart search for OCR translated financial documents and ETL workflow editor using ReactJS, Flask, Cassandra, and DataStax
- Implemented RESTful APIs, rendered PDF streams using PDFJS
- Created complex stateful and stateless React components using JSX, CSS3, and LESS or used specialized components from MaterialUI or AntDesign
- Worked in Agile development with JIRA as a project management tool

Full Stack Developer

Mercury Systems Inc

January 2019 – August 2019 Princeton, NJ

- Provided clients with technical services in Java, Spring, React, Oracle 11g, HTML5/CSS3, and Node/Express
- Participated and design and implementation of complex React components, Java files, and database design
- Implemented and designed RESTFUL API endpoints and corresponding JSON responses

Research Assistant

Chinese Academy of Sciences, Institute of Microbiology

May 2015 – August 2017 Beijing, China

- Ran PCR over 50+ different plasmids and used the latest bioinformatics technology for cancer and tuberculosis research
- Became fluent in Perl programming language and created scripts, implemented CGI and algorithms in a sub-project
- Designed spacers and ran CRISPR-Cas9 experiments for a synergistic cancer and TB treatment research involving marine microbes

EDUCATION

B.Sc. Computer Science, minor in Bioinformatics

Fordham University

September 2014 – August 2018

SKILLS

Single Page Applications Web Design
Application Architecture MVC Agile
Machine Learning

JavaScript ES6+ HTML5 CSS3
ReactJS NodeJS Express Java Spring
Python C++ Perl Oracle Database 11g
MySQL AWS MATLAB

LANGUAGES

English ●●●●●

Cantonese ●●●●●

Mandarin ●●●●●

PERSONAL PROJECTS

Pharmacy Inventory Management System

<https://github.com/ronhung12/pharmacye2e>
<https://github.com/ronhung12/pharmacye2ebackend>

- Tech Stack: React, Redux, Bootstrap, Axios, Victory, Spring, Hibernate, Java, Java Email Service, Java Persistence API, Oracle 11g
- Specialized inventory management system that features persistent data management, analytics, and inventory + prescription management/history.
- Pharmacy clients would be emailed of their prescription status through Java Email Service
- Pharmacists can filter/update inventory, view order history, and prescriptions

Shipping Label Widget

<https://github.com/ronhung12/shipping-label-maker>

- Tech Stack: React, Node
- Shipping label widget created for use in Pharmacy Inventory Management System, created without third party state management