

Daniel Peng

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Skills

Languages: Python, Java, Kotlin, C++

Technologies: pdb, MongoDB, SQL, Android, ReactiveX

Work Experience

Wish (ContextLogic), Android Developer

San Francisco, CA · September - December 2019

- Took ownership of end-to-end integration of new features on Wish's Android application using **Python**, **Java** and **Kotlin**
- Added a feature which tracks time spent on each screen within the app, increasing available data that can be used for analytics and A/B testing
- Created a rewards system for new users with coupons and special deals, increasing user retention rate after installation

Clearbridge Mobile, Software Developer

Toronto, ON · January - April 2019

- Designed and implemented web-based user interface for editing data in Clearbridge's internal Content Management System with search, sort and CRUD operations using **Vue.js** and **Bootstrap**
- Wrote a **Python** script to extract string resources in Java, Kotlin and XML files from any Android project into JSON objects to store in Content Management System
- Developed a 4-step customer onboarding website featuring forms, input validation, two-way data binding, asynchronous network calls and caching, using **Angular 7** and **TypeScript**

Guangzhou Port Group, Software Engineer

Guangzhou, China · May - August 2018

- Implemented front and back end of a 'settings' page on a desktop business application with Java and **Spring** Framework, using **SQL** for database operations
- Wrote a cron job to create new entries in database used to schedule meetings each morning
- Suggested and implemented changes to database structure, eliminating redundant tables and increasing data integrity

Projects

World Poverty Visualizer 🌐 *May 2019*

- Created a **React** application which fetches JSON data for poverty distribution based on user-selected country from World Bank API; displays graph of data using **D3.js** library

Hidden Art 🌐 *August 2018*

- Created an image-based Android game, learned common Android classes, design patterns and best practices by reading official documentation

Education

University of Waterloo, *September 2017 - April 2022*

- Bachelor of Computer Science Candidate, GPA: 89%
- Courses: Object Oriented Software Development (C++), Algorithms I & II, Logic and Computation, Data Structures, Operating Systems, Computer Organization