

EDUCATION

Santa Clara University, School of Engineering, Santa Clara, CA	04/2018 – 12/2020
M.S. Computer Science and Engineering (GPA 3.7)	
University of the Arts London, London, UK	06/2015 – 09/2016
MA. Business Management	
Wuhan Textile University, School of Engineering, Wuhan, China	09/ 2011 – 06/2015
B.Eng. Engineering	

TECHNICAL SKILLS

Languages: Java, C, JavaScript, SQL, NoSQL, Ruby, HTML/CSS
Skill/Framework/Database: Android development, Spring batch, Spring Boot, Ruby on Rails, Oracle database, MongoDB

PROFESSIONAL EXPERIENCE

Kohl's	06/2020 – 08/2020
Software Engineer Intern	
<ul style="list-style-type: none"><li>Worked in a backend team to support Kohls' marketplace products through its e-commerce platform.</li><li>Effectively built spring batch jobs to extract order data regularly from a third-party platform and store into MongoDB; built another process which automatically reads data from MongoDB and converts it into flat files which efficiently benefit the enterprise analytic team's daily reporting.</li></ul>	
Decathlon	06/2019 – 09/2019
Backend Engineer Intern	
<ul style="list-style-type: none"><li>Responsible for backend developing work to build Decathlon's sales platform on Wechat mobile program.</li><li>Mainly handled the spring task scheduling works to process data storing between Decathlon's database and redis.</li><li>Accomplished the documentation works for all APIs in order flow.</li></ul>	

PROJECT EXPERIENCE

"Buddy Trace" Android Mobile App
<ul style="list-style-type: none"><li>Demonstrated mastery in utilizing Firebase for initiating the register/log in functionality.</li><li>Leveraged expertise in designing and encapsulated objects from table schema of user info and group into a java class</li><li>Established a platform that allowed the user to organize events among friends and manage groups through implementing functionality and UI.</li><li>Employed the use of Google map API for enabling location sharing function while displaying a real-time location of an event's participants.</li></ul>
"IMDB Movie Search System" Oracle Database System App
<ul style="list-style-type: none"><li>Excelled in using an ER Data model for designing the conceptual schema for the data object.</li><li>Piloted the conversion of the ER schema to table in Oracle database and also exported the movie dataset offered by GroupLeans group using SQL.</li><li>Exceeded expectations in converting user's queries to SQL using the business logic in Java as well as extracting the info from the database and displaying search results on a user-friendly user interface.</li></ul>
"Online Book Store" Ruby on Rails Web App
<ul style="list-style-type: none"><li>Managed the relationships between shop cart and product using a well-designed table schema.</li><li>Utilized AJAX for initiating a functionality for shoppers to add products, manage the shopping carts, and also check out.</li><li>Introduced a layout to create, validate, and verify the authenticity of admin users, allowing these shop owners to check and manage the orders.</li></ul>
"Expense Manager" React Web App
<ul style="list-style-type: none"><li>Spearheaded accurate data propagation using Redux for dispersing data across multiple components.</li><li>Masterminded the utilization of Firebase as a database storage system in designing a table schema of the user.</li><li>Developed the search functionality based on data range without having to refresh the page using the React Router.</li><li>Optimized the rate of core code test coverage and also used the test framework JEST for verifying the application's functionality.</li></ul>