WARREN CHAN
SOFTWARE ENGINEER

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WORK EXPERIENCE

SAP
Backend Software Engineer - Cloud Platform   Vancouver, BC (Sept 2019 - present)
- Designed and developed software systems that are responsible of translating most SAP's North American products into 80+ different languages.
- Developed a converter to turn Android source code into Xliff delivering to our Translation system and then to convert the translated Xliffs back to Android source code.
- Developed a feature that support special pluralization rules from different countries and will check the whole source file for valid references.

TELUS
Full Stack Software Engineer - Internet of Things   Vancouver, BC (May 2018 - Sept 2019)
- Developed a Web app that manage customers' subscriptions from concepts to product launch
- Designed relational database, core system architecture and consistently upgrading them resulting a solid foundation for continuous development and minimize technical debts
- Initiated and spent several sprints to rearchitect projects putting shared data models and APIs into common libraries to avoid heavy dependency among servers and breaking into microservices to speed up development
- Designed, implemented, and modified REST API services for new features, improvement, and bugs fixing

PERSONAL PROJECTS   www.github.com/warrenkwchan

Photogram iOS App   (February 2019 - May 2019)
- Built a photo sharing iOS app that users can create accounts to share photos with the public
- Designed and implemented the account authentication flow with the help of Firebase Auth UI and Database
- Allows uploading photos from device's library or camera to Firebase Storage and references to Database.

News iOS App   (February 2019 - April 2019)
- Built a news app written in Swift that fetch the data from a third party News API
- Designed Front-End storyboard with Xcode UIKit and implemented Services following MVC design pattern
- Cached the images to avoid redownloading and added animation to UIView

Multiplayer Online Game   (Sept 2017 - Sept 2018)
- Built a multiplayer role-playing game website, exercising full stack from development to deployment
- Utilized NodeJS framework with WebSockets to enable communication between server and cilents
- Implemented mini-games and a point system to allow competitive and interactive gameplay

Personal Portfolio   (April 2018 - Sept 2018)
- Designed and developed personal portfolio with Ruby on Rails meant to blog and to showcase projects
- Implemented features using photo attach, syntax highlight, and authentication by learning gem packages
- Utilized Sendgrid for message receiving, Disqus for comment section, and AWS S3 to store files in the cloud

ABOUT ME

Technical Skills	Java, Typescript, Swift, Unix/Linux, MySQL, Python, C/C++, Ruby, PHP
Web/Design	Spring Framework, AngularJS, Ruby on Rails, HTML/CSS/Javascript
Interests	iOS App Development, Machine Learning, Advanced Algorithm, Data Analysis
Technologies	SQL Server, MongoDB, Git, Jira, Xcode, Firebase, Realm, AWS, Docker, Jenkins

EDUCATION

University of British Columbia   (Sep 2015 - August 2019)
- Bachelor of Science, Majoring in Computer Science and Statistics