

Yulong Tan

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EDUCATION

UNIVERSITY OF WASHINGTON

MAJOR: INFORMATICS

Expected June 2019 | Seattle, WA

LINKS

Github://[yulongtan](#)

LinkedIn://[yulongtan](#)

COURSEWORK

UNDERGRADUATE

Java Programming

Web Programming (Client-side + server-side)

Technical Foundations of Informatics

Intellectual Foundations of Informatics

Social Networking

Enterprise Risk Management

Computer Networking

iOS Development

Android Development

SKILLS

PROGRAMMING

Node.js, ReactJS, Java

Swift, Android (Java)

C#, R, Python

SQL, PHP

PROJECTS

DISCORD BOT

January 2019 - current

- Wrote a robust Discord bot in Node.js to help manage a game by adding utilities
- Uses the Discord.js API and created with best practices
- Successfully hosted on Heroku

REACTJS

School Web Project | 2018

- Worked together with a team to a website that finds music, movies, and books
- Written in ReactJS and uses the iTunes API
- Leverages Google Firebase for user authentication

EXPERIENCE

ALASKA AIRLINES | ASSOCIATE SOFTWARE DESIGN ENGINEER

September 2017 - Present | SeaTac, WA

- Used Xamarin to develop and maintain cross-platform mobile applications
- Worked on a machine learning project to predict flight availability
- Developed and maintained REST APIs in C# with the .NET Core framework
- Helped implement new features into various mobile apps
- Used ASP.NET and SQL Server to provide a platform for employees to schedule and manage tech support appointments
- Structured code so that each individual piece is unit-testable
- Provided api support for another team by writing integration tests using JavaScript testing frameworks, such as Mocha and Sinon

ALASKA AIRLINES | MOBILE DEVELOPER INTERN

June 2017 - September 2017 | SeaTac, WA

- Developed enterprise cross platform mobile applications in C# with Xamarin
- Created a database using Microsoft CosmosDB
- Created a RESTful web API with ASP.NET
- Developed an input form website to read and write data to database

PROJECTS (CONT.)

BLOOD PACT - CAPSTONE | SOFTWARE DEVELOPER

January 2019 - June 2019

- Created a texting service using Node.js and Twilio to help people find information about blood donation services
- Worked with team and conducted user research for feedback on design

DUBBLEBOOKED | FRONT END DEVELOPER

December 2015

- Worked with someone to help design the front end for a website that would be used by lawyers
- Developed using Bootstrap and Aura