3209 Renfrew St
Vancouver, BC Canada V5M 3L2

Phone: (1) 236-777-6966
syltaxue@hotmail.com
www.syltaxue.com
https://github.com/syltaxue

Yilun Song (Kenneth)
Software Engineering

TECHNICAL SKILLS

Programming Language (In Proficiency order)

- C#, .NET
- HTML5/CSS/JavaScript
- Java
- Python & Perl
- MySQL, Mongo DB

Experienced Areas & Frameworks

- Web applications (**React**, **.NET**)
- Cross-platform mobile Apps (**React Native**)
- Scripts and Tests

EDUCATION

University of British Columbia   **September, 2011 – May, 2017**
Bachelor of Applied Science – Software Engineering
Overall GPA: 3.95/4.33 (A)

WORK EXPERIENCE

Trulioo   **May, 2017 – Present**
Junior Full-Stack Software Engineer (C#, .NET, React)
- Mainly work on back-end side features with **C#** in **.NET** framework
- Build a new project (Know Your Business) that will increase the company's revenue significantly
- Learn & participate in architectural designs from senior engineers
- Built a language parser to process logs for studying customers' behaviors (using **Antlr4** framework)
- Demonstrated the ability to learn new languages quickly and gained trust to build critical features

CO-OP WORK EXPERIENCE (20 Months)

Cumul8 Technologies Inc.   **May, 2015 – December, 2015**
*Front End Developer (Data Visualization, ReactJS, React
Native, Html, Css)*
- Built complex **data visualization** related web components using **React** and **Flux**
- Added real time updating feature using **Websocket**
- Fixed bugs on the back-end side written in **Go** language
- Built front-end screens for a mobile app using **React Native**

Broadcom Corporation   **August, 2014 – April, 2015**
*Test Script Developer & Engineering Testing Assurance (Tcl,
Perl,Git)*
- Mainly developed automated nightly regression **test scripts**
- Ran and reported test results on a daily basis to report software bugs to development teams
- Developed utility tools to automatically parse test results with no manual efforts
- Learned new language **Tcl** and **Perl** to write automated test scripts independently

UBC ECE – LLFI fault injection tool   **May, 2014 – August, 2014**
GUI Developer (JAVA, Python)
- Expanded features on the existing GUI using **JavaFX**
- Developed and edited existing scripts of the LLFI tool to support more features
- Added informative instructions and notifications in the GUI to make the product user-friendly
- Developed scripts in Python to automate some duplicate work

SCHOOL PROJECTS

Reach Social Mobile App – School Project   **September, 2016 – May, 2017**
Mobile App Developer (React Native, Android & iOS)
- Built a **cross-platform** app from scratch for a start-up company using **React Native** that provided the ability for students to do different class activities
- Built a self-explanatory modular and scalable **architecture**
- Built a data flow system using **Reflux**
- Developed key features of the app, e.g. chat room, file sharing, etc.
- Mentored other team members to learn React Native and the related techniques used in this project
- Organized the team work and ensured that the features were delivered on time in each milestone

UBC LLFI Web Service – Personal Project   **September, 2016 – December, 2016**
Full Stack Developer (React, JQuery, NodeJS)
- Built a web application using **React** from scratch for a UBC research project named LLFI
- Designed the architecture of the application in a modular way and followed RESTful API standards
- Implemented the **back-end** server that executed scripts for front-end requests using **NodeJS**

AWARDS

Work Learn International Undergraduate Research Award – awarded to 5   **2014**
international students at UBC each year (same as NSERC).

UBC Engineering Dean's Honor List – for students with a GPA of at least A- **2011 – 2017**
each year