Yilun Song (Kenneth)

Software Engineering

TECHNICAL SKILLS

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| **Programming Language (In Proficiency order)** | **Experienced Areas & Frameworks** |
| * C#, .NET * HTML5/CSS/JavaScript * Java * Python & Perl * MySQL, Mongo DB | * Web applications (**React**, **.NET**) * Cross-platform mobile Apps (**React Native**) * Scripts and Tests |

EDUCATION

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

WORK EXPERIENCE

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| **Trulioo**  ***Junior Full-Stack Software Engineer (C#, .NET, React)*** | **May, 2017 – Present** |

* 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)

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| **Cumul8 Technologies Inc.**  ***Front End Developer (Data Visualization, ReactJS, React Native, Html, Css)*** | **May, 2015 – December, 2015** |

* 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**

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| **Broadcom Corporation**  ***Test Script Developer & Engineering Testing Assurance (Tcl, Perl,Git)*** | **August, 2014 – April, 2015** |

* 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

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| **UBC ECE – LLFI fault injection tool**  ***GUI Developer (JAVA, Python)*** | **May, 2014 – August, 2014** |

* 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

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| **Reach Social Mobile App – School Project**  ***Mobile App Developer (React Native, Android & iOS)*** | **September, 2016 – May, 2017** |

* 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

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| **UBC LLFI Web Service – Personal Project**  ***Full Stack Developer (React, JQuery, NodeJS)*** | **September, 2016 – December, 2016** |

* 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

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| **Work Learn International Undergraduate Research Award** – awarded to 5 international students at UBC each year (same as NSERC). | **2014** |
| **UBC Engineering Dean’s Honor List** – for students with a GPA of at least A- each year | **2011 – 2017** |
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