Yik Fai Siu

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Objective	To obtain a full-time position as a Software Development Engineer

Education

Missouri University of Science and Technology — May 2018
B.S. Computer Science — GPA: 3.64/4.00
Minor Mathematics

Experiences

Ungerboeck Software International — MO, United States
Software Engineer Intern — May 2017 – Dec 2017
- Created responsive HTML templates for customized MVC built
- Improved software UI from browser-dependent plugin to full HTML5
- Developed web services to bridge front-end and database using C#
- Fixed software-generated layout issues by using jQuery

Missouri S&T Association for Computing Machinery — Rolla, United States
President — Nov 2016 – May 2017
- Rewrote a new web system to integrate all member systems and activities.
- Designed web-based project plans to benefit the school and the organization in the future.
- Developed project schedules and determine the technologies used on projects
- Trained new members on ES6 code standards

Missouri S&T Undergraduate Research Program — Rolla, United States
Undergraduate Researcher — May 2016 – May 2017
- Analyzed 100+ soccer game data from the university soccer team
- Wrote a C++ program to extract and calculate variables from raw data
- Developed a better overview of visualization to a soccer game
- Helped to improve the performance of S&T soccer team on data science side

Open Source Projects

Stock Watch — Oct 2018 – Present
- Architecting application layers with UI, BLL, DAL, and test.
- Integrating NodeJS and Python for machine learning on price forecasting.

Sudoku Generator — Aug 2018 – Sep 2018
- Designed efficient backtracking algorithm to generate full sudoku
- Implemented UI view by using ES6 and ReactJS

Mathematics Presentation Renderer — Jun 2018 – Aug 2018
- Helped 30+ colleagues handle LaTeX layout issues.
- Wrote efficient codes to convert LaTeX presentation into PNG format

Computer Skills

Programing/Script Languages

Advanced:	C++/14	HTML/CSS	JavaScript/ES6	SQL
Proficient:	C#	PHP	Bash	Python
Learning	Java	Golang	TypeScript	

Frameworks/Libraries/Tools

JSX	NodeJS	AngularV6	ReactJS
MongoDB	MySQL	GulpJS	JQuery
Bootstrap	Postman	WordPress	Joomla

Honors

Dean's List
Missouri S&T Annual Academic Scholarship

Languages

Fluent in spoken and written in English, Cantonese, and Mandarin.