Programmes d'enseignement
coopératif

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uOttawa

Co-operative education
programs

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Curriculum vitae

Resumé

Last Update: October 16, 2018

PERSONAL DATA

Yong Lin Wang
46 Spanhouse Crescent
Unionville (Ontario)
L3R 4E3

Language of correspondence	Citizenship
ENGLISH	**Canadian**
Employment Equity	Security clearance

ACADEMIC DATA

Program of studies	**Bachelor of Applied Science Software Engineering (Co-op)**					
Year Level	**1**					
Cumulative grade point average		letter equivalent of university of ottawa cumulative grade point average	10=A+ 9=A 8=A- 7=B+ 6=B			
			5=C+ 4=C 3=D+ 2=D 1=E			0=F

Work term information

Term	Employer	Overall evaluation
1. 2019, Summer		
2. 2020, Winter		
3. 2020, Fall		
4. 2021, Summer		
5. 2022, Summer		

* a blank field in the - overall evaluation - column means that the evaluation has not yet been submitted by the employer

Yong Lin Wang

LANGUAGES

Language Name	Speaking Level	Writing Level	Comprehension Level
English	Fluent	Fluent	Fluent
Mandarin	Fluent	Fluent	Fluent

EDUCATION

2014 - 2018	**Ontario Secondary School Diploma** Unionville High School
2018 - 2023	**Bachelor of Applied Science - BASc, Computer Software Engineering** University of Ottawa

SKILLS

Engineering

Software Engineering
- Experienced with version/source control software such as Git.
- Experienced with project management tools such as Trello, JIRA.
- Solved an immense amount of bugs, familiar with debugging tools and workflow.

Computer

Node.js, Javascript and HTML5/CSS3
- Used Javascript and React to develop fast and stable production ready front-end code.
- Worked with Javascript ES6, Webpack, WebSocket, Babel, React, and Redux and gained high familiarity with these technologies.
- Developed applications based on asynchronous programming by implementing async technologies like promise.js, await, and callbacking.
- 3 years of experience of making a variety of web applications using jQuery.
- Created over 5 websites using clean, performant, high quality and well maintained HTML/CSS
- Worked with multiple preprocessed versions of HTML (PUG) and CSS (LESS and SCSS)
- Built UI kits for a variety of purposes.
- Engaged in creating responsive, mobile first graphic design and web-layouts for a diverse range of screen sizes.

Java
- Implemented a variety of traditional computing algorithms and data structures. (Sorting, stacks, recursion, linked list, etc.)
- Integrated various libraries to abstract common code for a variety of purposes including but not limited to web development. Github Repo Click Here
- Modded third-party video games using Java to enhance the gaming experience for peers.
- Designed user interface using Java libraries. Github Repo

Holographic Development
- Prototyped software on first-generation Microsoft Hololens for high school art students providing guidance to wood scalping.
- Implemented Microsoft mixed-reality library with Unity 3D.
- Designed and constructed 3D models in Maya
- Scripting using C# and built code using Mono.

•Deployed prototype code to Hololens through Visual Studio.

Communication

•Experienced with team communication software such as Slack and Microsoft Teams.
•Written a variety of technical reports including a data analysis report on fossil fuel energy usage in Canada and potential alternative energies, that was well received.
•During a project, made presentational pitches to school board officials, school administrators, students, teachers, and investors/other companies, the responses received were formidable.
•Practiced active listening, contributing positively to conversations and discussions.

WORK EXPERIENCE

2015 - 2016

Freelance Website Developer

•Developed active listening skills through hearing client requests and built applications according to specifications provided by the clients.
•Involved with Front-end application design and development in HTML 5 with JavaScript and CSS3. Engaged in creating responsive, mobile first graphic design and web-layouts for a diverse range of screen sizes.
•Engaged in Back-end server-application design, development, and monitoring with PHP, mySQL and WordPress.
•Handled hosting service administration with direct admin applications like cPanel, phpMyAdmin and FTP clients.
•Prepared a variety of quotations for clients' unique needs with Microsoft Office Suite
•Provided extended support including graphic designing (Posters, Logos, etc.) using Photoshop, Illustrator, and inDesign.

Sep. 2016 - May. 2018

Co-founder, Full-stack developer
School Dot Life Inc.

•Responsible for spearheading the team at software prototyping and development cycle of the company's main product – uhs.life
•Implemented dynamic and responsive customer-oriented application using Meteor.js and Blaze reaching over 1000 users in my home high school.
•Implemented private and public APIs consumed by the company's internal systems and web/mobile clients for the customers using Meteor.js, Websocket.js, and Express.js
•Implemented various libraries to abstract common code in both the front-end and the back-end of the application
•Established Continuous Integration (CI) and source control using GitHub.
•Integrated third-party login with OAuth.
•Built infrastructure that allows images uploaded to the website be stored on AWS S3 and be fetched from the same location.
•Designed build and deployment infrastructure for company's main application Heroku ensuring low downtime.

More about this project: http://schooldotlife.com/

Codebase: https://github.com/callmekungfu/school.life

OTHER INFORMATION

Honors and Awards

- Ontario Skills Challenge – IT Administration Skills Bronze Medalist
- Ontario Skills Challenge – Website Development Bronze Medalist
- Ontario Skills Challenge – Website Development Silver Medalist

Projects

Markham Honey house renovation. May 2017. This project was initiated by Markham Museum and Unionville High School, as the student leader of this project. I was responsible for overseeing the creation of materials as well as the technical development of the interactive components. More about this project can be seen here: News Article

REFERENCES

Ray Kong
Founder
Spike It Volleyball
289-221-2991
rhk876@hotmail.com

Kevin McCaffrey
Teacher
Unionville High School
(905) 479-2787 ext. 325
Kevin.mccaffrey@yrdsb.ca

Yong Lin Wang

Courses

Code	Title	Term	Grade	Units
		2018, Fall		
ITI1120	INTRODUCTION TO COMPUTING I			3.00
MAT1320	CALCULUS I			3.00
SEG2900	PROF.COMM.RESP			3.00
PHY1321	PRINCIPLES OF PHYSICS I			3.00
ENG1112	TECHNICAL REPORT WRITING			3.00
CGPA				
		2019, Winter		
MAT1348	DISCRETE MATH FOR COMPUTING			3.00
PHY1122	FUNDAMENTALS OF PHYSICS II			3.00
ITI1100	DIGITAL SYSTEMS I			3.00
MAT1322	CALCULUS II			3.00
CGPA				

------- End of course list -------

Legend

Grades

10=A+	9=A	8=A-	7=B+	6=B	5=C+	4=C	3=D+	2=D	1=E	0=F

Symbols

()= Credits not granted	*= Excluded from average	ABS= Absence
ADD= Additional to requirements	AUD= Auditrice/auditor	CR= Credit
CTN= Continuing	DFR= deferred	DNW= See: ABS
DR= Dropped	H= Honours	HP= Out-of-program
EIN= Failure/Incomplete	NC= No credit	NNR= Not available
NS= Unsatisfactory	P= Pass	S= Satisfactory
SCO= Insufficient credits		