

Jason Zeng

jsnzng.github.io

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Education	University of British Columbia	Vancouver, BC
	BSc, Computer Science and Mathematics	2017
	<ul style="list-style-type: none">- In Major Average: 81.5%- C.S. Coursework: Data Structure and Algorithms, Software Engineering, Internet Computing, Theory of Computing, Computational Optimization, Computer Hardware and Operating Systems- Math Coursework: Calculus I - IV, Real Variables, Complex Variables, Probability, Group Theory, Number Theory	
Experience	Teaching Assistant, UBC	2016
	<ul style="list-style-type: none">- Course: CPSC 221 – Basic Algorithms and Data Structures- Responsibilities: Guiding 3 weekly lab sections, holding weekly office hours and marking assignments and projects	
	Teaching Assistant, UBC	2016
	<ul style="list-style-type: none">- Course: CPSC 221 – Basic Algorithms and Data Structures- Responsibilities: Guiding 2 weekly lab sections, marking assignments and projects and invigilating exams	
Skills	Languages: C, C++, Java, JavaScript, HTML5, CSS3, Matlab, Racket	
	Frameworks/Tools: jQuery, Node.js, Express, MongoDB, AngularJs, Bootstrap, Git	
Projects	<u>Game of Life</u> – (JavaScript, CSS, HTML, AngularJs)	
	<ul style="list-style-type: none">- An Angular app to play Conway's Game of Life	
	<u>Sudoku</u> – (JavaScript, CSS, HTML, jQuery)	
	<ul style="list-style-type: none">- A web Sudoku game with beautiful UI- Features random game generation and backtrack solving	
	<u>jzChip-8</u> – (C++, OpenGL)	
	<ul style="list-style-type: none">- An emulator for Chip-8 virtual machine to play classic games like Space Invaders- Implemented Fetch, Decode and Execute stages of CPU cycle and graphic display	
	Flashcard – (Node.js, Express, MongoDB, AngularJs)	
	<ul style="list-style-type: none">- A MEAN stack app for taking notes on flashcards- Implemented RESTful API, user authentication, data models etc.	
	<u>Weathers</u> – (JavaScript, CSS, HTML, jQuery)	
	<ul style="list-style-type: none">- A web application that forecasts weathers of next 7 days at user's location- Queries Dark Sky API for weather data	