

Jeffrey Zhao

PROGRAMMER-IN-TRAINING

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Skills

Programming	Algorithms and Data Structures, C/C++, Python, Scheme/Racket, Java, Node.js, Bash, TeX
Web	PHP with Laravel and the Fat Free Framework, Express with Node.js, HTML5, CSS, JavaScript
Databases	MySQL, MongoDB, F3-Jig
Miscellaneous	Competitive Programming (Codeforces Maximum Rating 1870), Linux, Contest Mathematics, Leadership, Teaching

Experience

Splice Digital Inc.	<i>Windsor, Ontario</i>
SOFTWARE DEVELOPMENT INTERN	<i>Jun. 2016 - Aug. 2016</i>
<ul style="list-style-type: none">Implemented a Slack helper chatbot using natural language processing libraries, Node.js, and MongoDB.Learned web development using PHP, Laravel, and MySQL with help from professionals.	
Vincent Massey Secondary School Computer Science Club	<i>Windsor, Ontario</i>
PRESIDENT	<i>Sept. 2015 - June 2016</i>
<ul style="list-style-type: none">Led a school team to victory in multiple programming contests.Taught classes to other high school students in preparation for the CCC.Wrote practice competitive programming contests for students across Ontario.	
MasseyHacks	<i>Windsor, Ontario</i>
LEAD WORKSHOPS ORGANISER	<i>Sept. 2016 - June 2016</i>
<ul style="list-style-type: none">Leader in Canada's first high school MLH hackathon.Organised and taught classes on HTML and CSS to aspiring hackers.	

Awards

Bronze Medallist, Canadian Computing Olympiad (CCO)	<i>Waterloo, Ontario</i>
UNIVERSITY OF WATERLOO, CEMC	<i>2015 and 2016</i>
<ul style="list-style-type: none">Invitational competition for only the top twenty computer science students across Canada.Second stage of Canadian Computing Competition (CCC).Two time winner, competed in both grades 11 and 12.	
Honour Roll, Euclid Mathematics Contest	<i>Waterloo, Ontario</i>
UNIVERSITY OF WATERLOO, CEMC	<i>2016</i>
<ul style="list-style-type: none">High score on national mathematics contest for grade 12 students.Received Mathematics Entrance Scholarship to the University of Waterloo.	
Platinum Division Contestant	<i>International</i>
USA COMPUTING OLYMPIAD	<i>2016</i>
<ul style="list-style-type: none">Highest level of competition in American high school computer science contests.	

Projects

Skirmish Online Judge	<i>On GitHub</i>
FOR FULL STACK EXPERIENCE	<i>Dec. 2016 - Jan. 2017</i>
<ul style="list-style-type: none">Built an online judge for competitive programming with PHP, MySQL, and the Fat Free Framework.Designed a denormalised database for fast querying over many users, problems, and submissions.	
Phagocytosis	<i>On GitHub</i>
FOR NODE.JS EXPERIENCE	<i>May 2015</i>
<ul style="list-style-type: none">Agar.io clone for high school final project. Online browser game built with Express and Node.js.	

Education

University of Waterloo	<i>Waterloo, Ontario</i>
B.S. IN HONOURS COMPUTER SCIENCE	<i>Sept. 2016 - Apr. 2021</i>
<ul style="list-style-type: none">Received President's Scholarship and Mathematics Entrance Scholarship due to high achievement.Term Dean's Honours List, 95% average in 1A term.	