

JUSTIN ACHONG

CONTACT	<i>email</i>	jcachong@gmail.com
	<i>location</i>	Waterloo, ON
OVERVIEW	<ul style="list-style-type: none">· I am a professional software developer with over seven years of industry experience building, scaling, and maintaining large-scale applications across the full stack using technologies such as TypeScript, Angular, C++, PHP, and MySQL.· I graduated with a B.Sc. in Honours Mathematics and Computer Science from McGill University.· I enjoy solving tough and ambiguous problems to meet real business needs.	
WORK	Oct 2023-Present	Software Engineer , Google
	I am a Software Engineer at Google working on a global-scale web application using technologies such as Angular, TypeScript, and GraphQL.	
	Apr 2022-Oct 2023	Software Team Manager , Eigen Development
	I was a Software Team Manager at Eigen, where I led a team of engineers developing the xDine online ordering platform. My responsibilities included: <ul style="list-style-type: none">· managing an engineering team to drive application development and maintenance;· planning system design to add new features and scale existing functionality;· cross-functional coordination with Product, QA, and other development teams;· establishing and documenting development standards and practices.	
	Sep 2019-Apr 2022	Software Development Team Lead , Eigen Development
SKILLS	I led a full stack development team working on a web application using JavaScript with Backbone, PHP with CodeIgniter, and MySQL as well as server applications in Windows and Linux C++. I was responsible for architecting and overseeing the development of new features in addition to scaling a major web application by multiple orders of magnitude to accommodate higher traffic volumes.	
	Nov 2016-Sep 2019	Junior Software Developer , Eigen Development
	I developed and maintained software across the full stack in a small team.	
	General: System design · Technical leadership · Scaling · Optimization Frontend: TypeScript · JavaScript · Angular · Backbone.js · HTML · CSS · Webpack Backend: PHP · C++ · MySQL · CodeIgniter Other: Git · Mercurial · Linux · Windows · Vim	
EDUCATION	2010-2015	McGill University , Montreal, QC
	<i>B.Sc., Honours Mathematics and Computer Science</i> Faculty of Science. Graduated with First Class Honours.	
RESEARCH	May-Aug 2015	Undergraduate Research in Computer Science , McGill University
	<ul style="list-style-type: none">· Awarded NSERC Undergraduate Student Research Award to complete the project <i>Minimizing Weighted Automata with Rectangles</i>.· Supervised by Prof. Prakash Panangaden at McGill University School of Computer Science.· Provided proofs of theorems; made suggestions as to direction of research; proposed appropriate definitions.	
AWARDS	May 2015	NSERC Undergraduate Student Research Award
	<ul style="list-style-type: none">· \$5625 awarded for summer research in Computer Science based on "potential for a career in natural sciences or engineering".	
	Aug 2015	2nd prize, 11th Undergraduate Computer Science Research Symposium , McGill University
LANGUAGES	<ul style="list-style-type: none">· Awarded 2nd prize (\$150) for presenting <i>Minimizing Weighted Automata with Rectangles</i> to faculty and peers in the School of Computer Science.· Selected to present poster at 2015 Undergraduate Research Conference at McGill.	
	English (<i>Native</i>) · Portuguese (<i>Fluent</i>) · French, Spanish (<i>Limited working proficiency</i>)	

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