JUSTIN ACHONG

CONTACT		
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OVERVIEW

· Professional software developer working as a software development manager.
· Six years professional web development experience with JavaScript, C++, and PHP.
· Graduate of McGill University in Honours Mathematics and Computer Science.

WORK

2022-Present   **xDine Software Team Manager**, Eigen Development

I am the xDine Software Team Manager at Eigen, where I lead a team of engineers developing the xDine online ordering platform. My responsibilities include:
· large-scale web application development with PHP and CodeIgniter;
· front-end development in JavaScript and Backbone.js;
· MySQL database management and scaling;
· planning system architecture;
· managing a team of developers and training new hires;
· coordinating with Product, QA, and other development teams;
· establishing and documenting coding standards; and
· evaluating, investigating, and responding to bug reports.

2019-2022   **Software Development Team Lead**, Eigen Development

I led a team in the development and maintenance of web and server applications. My responsibilities included:
· back-end web development in PHP with CodeIgniter;
· back-end server application development in Windows and Linux C++;
· front-end development in JavaScript;
· architecting and overseeing the development of new features; and
· scaling a major web application to support higher traffic volumes.

2016-2019   **Junior Software Developer**, Eigen Development

I developed and maintained software across the full stack in a small team.

SKILLS

System design · Scaling and optimization · Technical leadership
JavaScript · PHP · C++ · MySQL · Backbone.js · CodeIgniter
HTML5 · CSS3 · Git · Linux · Vim

EDUCATION

2010-2015   **McGill University**, Montreal, QC

B.Sc., Honours Mathematics and Computer Science
Faculty of Science. Graduated with First Class Honours.

RESEARCH

Summer 2015 **Undergraduate Research in Computer Science**, McGill University
· Awarded NSERC Undergraduate Student Research Award to complete the project *Minimizing Weighted Automata with Rectangles*.
· 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**

· $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

· Awarded 2nd price ($150) for presenting *Minimizing Weighted Automata with Rectangles* to faculty and peers in the School of Computer Science.
· Selected to present poster at 2015 Undergraduate Research Conference at McGill.

LANGUAGES

English (*Native*) · Portuguese (*Fluent*) · French (*Limited working profiency*)

April 2023