David ZHOU

PROFILE

WEBSITE:	www.davidzhou.ca
PHONE:	+1 617 396 0618
EMAIL:	info@davidzhou.ca
LANGUAGES:	Fluent in English, intermediate French and conversational Mandarin

TECHNOLOGY SKILLS

ADVANCED:	Java, Kotlin, Microservices, AWS, Akka, SQL (Postgre, Oracle, MS), Linux
INTERMEDIATE:	Web Dev (HTML, CSS, JavaScript), VB/C# .NET, LaTeX, C/C++, Windows
BASIC:	Python, Bash

EDUCATION

JUNE 2016

McGill University, Montréal
B.A. in Software Engineering, minor in Economics
VP Internal, Computer Science Undergraduate Society, 2015-2016
Student Help Desk Tutoring, 2015
PROGRAM GPA: 3.79/4.00

WORK EXPERIENCE

AUG 2016 - NOW

Software Development Engineer at AMAZON ROBOTICS
Technologies used: Java, Kotlin, Microservices, AWS, Akka
• Designed and implemented critical path software to launch the first robotics-enabled transportation facility as well as subsequent next-generation facilities.
• Exceptional ownership: volunteered to staff on-site launch support shift, 5 days of 12AM - 10AM.
• Champion of continuous improvement and operational excellence: realized a robust distributed caching layer that reduced database throughput cost by 65%.
• Skilled negotiator in building consensus across teams: tech lead during complex evaluation process to select new work cell architecture with many divergent stakeholders perspectives.
• Top-notch communicator: broke through log-jams with clear technical documentation.
• Promoted to SDE II in under 2 years.

APR-SEPT 2015

Solutions Development Trainee at PURKINJE INC.
Technologies used: C#.NET, ASP.NET, MSSQL, MVC 5, X.509 certificates, Twilio, Delphi
On a team of 3 interns, I built a new online platform for patients to manager their appointments and integrate this information into the company's existing scheduling product.

MAY-AUG 2014

Software Developer (Student) at
INDIGENOUS AND NORTHERN AFFAIRS CANADA
Technologies used: VB.NET, ASP.NET, PL/SQL in Oracle, CSLA, Crystal Reports
As part of a continuing maintenance team, I resolved backlog tickets and assisted in the implementation of new features from change requests.

OTHER SKILLS, INTERESTS AND ACTIVITIES

STEAM course instructor and AP CS Honours Project mentor at Prospect Hill Academy
Strong knowledge of history, and geography

References available upon request