

DAVID YEE

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EDUCATION

University of Alberta	Edmonton, AB
<i>B.Sc. First Class Honors Computing Science with Science Internship Practicum</i>	Jun. 2017
▪ Certificate: <i>Computer Game Development Certificate</i>	
▪ Leadership: <i>Science Faculty Association - Director of Web Design</i>	2013 - 2015
▪ Publications:	
▪ <i>Medical Image Compression based on Region of Interest using Better Portable Graphics (BPG)</i>	IEEE SMC 2017 Jul. 10 2017

TECHNICAL SKILLS

- **Languages:** *Fluent:* .NET Core 2, Swift for iOS, Java SE, SQL (Postgres, SQL Server, SQLite)
Proficient: Python, C#, .NET MVC, JavaScript, TypeScript, Node.js, HTML/CSS, Java EE
- **Libraries/Frameworks:** Angular 5+, Spring Boot, Java Swing & JavaFX, Hibernate ORM, Bootstrap
- **Project Management:** Atlassian Jira, Confluence, Bitbucket, Bamboo
- **Software:** Git, Eclipse IDE, Xcode, Visual Studio, WebStorm, IntelliJ, Adobe Creative Suite, WordPress
- **Infrastructure:** Azure, AWS, Windows Server, Debian, Ubuntu, VMware ESXi, Apache, Nginx, IIS
- **Certifications:**
 - Oracle Certified Professional, Java SE 8 Programmer II (OCPJP) **Jan. 2017**
 - Oracle Certified Associate, Java SE 8 Programmer (OCAJP) **Nov. 2014**
- **Other:** Participation in online technical Q&A sites such as Stack Overflow

RELEVANT EXPERIENCES

Accelerated Software Corp.	Edmonton, AB
<i>Software Consultant</i>	Mar. 2018 – Present
accsoft.co	
▪ Develop and sell on the worldwide iOS App Store “Home Alarm” (Swift 4+) to easily monitor, arm, or disarm Honeywell Intruder Detection Systems through an attached Raspberry Pi	
▪ Develop and sell on the worldwide iOS App Store “My Garage” (Swift 4+) to monitor and control a garage door lift using a relay switch, magnetic contact, and Raspberry Pi	

Supreme Group LP	Edmonton, AB
<i>Application Developer</i>	Jul. 2017 – Present
www.supremegroup.com	

- Design, code, and implement internal desktop and web-application software meeting business needs
- Report to the Director of Business Solutions with technical recommendations and timelines
- Introduce and automate existing processes and data exchange between tools using Zapier

Key Accomplishments:

- Championed the implementation of project management tools and processes with Atlassian Jira Software & Service Desk, Confluence for Document Control, and Bamboo for Continuous Integration
- Designed software & service desk processes and workflows in Jira to complement and automate existing workflows
- Designed and developed an Angular 5 webapp for Non-Conformance Management used by the Quality Assurance department and upper management

JYLtek Inc.*Lead Developer*www.jyltek.com**Edmonton, AB**
Aug. 2014 – Present

- Design, code, and implement a real-time point-of-sales system for iOS in Swift
- Develop backend with Microsoft Azure using Azure SQL Server and a Node.js App Services API
- Manage two other developers through each iteration/sprint
- Manage product user-stories and oversee product completion

Key Accomplishments:

- Completed a point-of-sales system for iPad which was successfully deployed in a cellular-enabled food truck since the 2016 spring and summer season
- Adapted to the continuously changing language specification of Swift 1.0 for iOS released in 2014 to the current Swift 3 and the now discontinued Mobile Services in Microsoft Azure
- Planned, designed, and implemented all supporting layers (database, backend service, and front-end UI) of the sales system

Edmonton Chinese Alliance Church*Lead Website Developer - Volunteer*www.ecac.ca**Edmonton, AB**
Sept. 2014 – Present

- Implement and design a new trilingual WordPress website (English, Cantonese, and Mandarin)
- Administrate Office 365 and Azure AD identity to the 7 staff and 200+ members
- Administrate Azure VMs and web services for 1000+ website visitors a month
- Provide WordPress training for other webmasters

Eclipse Foundation*Mylyn Contributor – Volunteer***Edmonton, AB**
Sept. 2016 – Jan. 2017

- Add features in Java to the Mylyn task management subsystem that is a part of the Eclipse IDE
- Collaborate with four other remote developers in Canada
- Review code contributions and participate in the open-source development process

Accelerated Games*Lead Developer and Founder***Edmonton, AB**
Oct. 22, 2010 – May. 2016

- Develop template genre kits for the real-time 3D authoring system, 3D Gamestudio
- Develop custom code in Lite-C, a C-family programming language, for clients
- Develop and maintain a company website

Key Accomplishments:

- Sold business licenses to the science center and Catholic school board in Edmonton
- Sold additional licenses to individuals internationally particularly from Germany and the USA

M31 Design Group*Software Developer***Edmonton, AB**
Sept. 2015 – Apr. 2016

- Design, code, and test major features for a Java Spring eCommerce ticketing system, GoAsAGroup, and an internal C# .NET MVC materials requirement planning (MRP) web application in collaboration with three other developers
- Deploy and test new versions of the software on Amazon EC2 instances
- Actively participate in team meetings and offer recommendations on design approaches
- Actively participate in agile development methods as used by the organization

Key Accomplishments:

- Improved the efficiency of the software development process which saved the company over \$35,000 per year
- Optimized the backend Java Hibernate data access layer and prepared technical demonstration to senior engineers on how it improved the maintainability and efficiency of the application