

# Billy Liu

Delta, BC V4C4S6 | 604-772-0518 | [billywzliu@outlook.com](mailto:billywzliu@outlook.com) | [ca.linkedin.com/in/billywzliu](https://ca.linkedin.com/in/billywzliu)

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## Software Developer

*Targeting a position in web and software development, analytics, and data science*

- **Accomplished full-stack developer**, with hands-on experience in the full software development lifecycle - from requirements elicitation, to design and prototyping, code implementation, quality assurance, and release
  - **Expert in agile development**, able to adapt and improve existing methodologies and implement new tools to minimize pain points, can efficiently pick up new technologies
  - **Proven leader and team player** - Communicates effectively with other departments, provides practical coaching and mentoring, ability to prepare and deliver presentations, and thrives in both team-oriented and self-directed environments
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## Technical Tools

C#, ASP.NET MVC, JavaScript, jQuery, HTML5, MS Visual Studio, Python, PowerShell, Outsourcing, Java, REST, EmberJS, SQL, MS SQL Server, MS Access, MS Excel, MS Azure, Amazon AWS, VMWare, TCP/IP, Git, and more

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## Professional Experience

### Web & Software Developer

5/2016 to 1/2017

AnalysisWorks, Vancouver, BC

- Designed, prototyped and architected web-based enterprise applications
- Programmed and coded solutions using mainly the .NET framework, C#, JavaScript, and SQL, proving them stable through testing and quality assurance
- Introduced and improved methodologies that enhanced cycle release speeds by 30%
- Mentored co-op students and interns in best practices, actively participated in daily scrum and efficiently delegated tasks
- Implemented scripts to automate numerous processes including data assembly and upload, backup, web-scraping, application hosting on virtual machines, and more
- Worked closely with consultants, analysts, and outsourcers in a team-oriented and deadline-driven environment
- Performed research into cutting-edge technologies, tools, and libraries through prototyping

### Quality Assurance & Technical Support

1/2015 to 9/2015

University of British Columbia, Vancouver, BC

- Designed, coded, and performed quality assurance for websites targeting massive online open courses
  - Provided staff and faculty members with tier 1 support in the area of educational technologies
  - Created and managed a large amount of support and development tickets
  - Directed, edited, and produced educational videos and animations while working closely with marketing and social media teams
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## Education

University of British Columbia - Vancouver, BC

2013 - Present

**Bachelor of Science, Combined Major in Computer Science and Statistics**