

# Richard KK Wong

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## QUALIFICATIONS

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- › Developed solutions across the stack in Java, C#, Ruby, Javascript
- › Familiar with the use of Git and Subversion for version control
- › Proficient in public speaking, teaching and technical presentation
- › Holds numerous distinctions for national and provincial competitions in computer science, mathematics, physics, chemistry and biology

## WORK EXPERIENCE

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| MAY-AUG '14      | <b>Core Software Developer</b> at IBM CANADA, Toronto<br><i>IBM Cognos Incentive Compensation Management</i> <ul style="list-style-type: none"><li>› Resolved issues affecting client productivity in back-end and user interface of ICM Windows client and web application</li><li>› Delivered SQL scripts to correct corrupted client models</li><li>› Facilitated migration of continuous integration server from Hudson to Jenkins CI</li></ul> |
| APR '11- JAN '13 | <b>Website Editor</b> at THORNHILL SECONDARY SCHOOL, Thornhill<br><a href="http://thornhill.ss.yrdsb.ca">thornhill.ss.yrdsb.ca</a> <ul style="list-style-type: none"><li>› Published weekly updates to home page content</li><li>› Co-ordinated migration of site to in-house CMS with school administrative staff</li></ul>  |

## PROJECTS

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| AUG '14 | <b>Wikipedia SITE CRAWLER, Side Project</b><br><i>Personal Undertaking</i> <ul style="list-style-type: none"><li>› Studied graph cycles created by navigating to particular content links on each article on Wikipedia</li><li>› Deployed Ruby site crawler to replicate the navigation pattern, analyze data to determine whether a page would eventually arrive at "Philosophy"</li></ul> |
| JAN '14 | <b><i>Sentinences</i> SENTENCE GENERATOR, University of Waterloo</b><br><i>Software Engineering Hack Day #2</i> <ul style="list-style-type: none"><li>› Researched use of discrete-time Markov chains in statistical modelling</li><li>› Developed Ruby script to compute word frequencies in input and probabilistically generate strings of English words</li></ul>                       |
| NOV '13 | <b>DETERMINANT CALCULATOR ON ANDROID, University of Waterloo</b><br><i>Software Engineering Hack Day #1</i> <ul style="list-style-type: none"><li>› Investigated implementation of Android activity life cycle</li><li>› Wrote app to display the determinant of a square matrix</li></ul>  |