

# Jaydon Lau

## PERSONAL DATA

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PROGRAM: 2B Computer Science and Business Administration (Double Degree)  
EMAIL: [jehlau@uwaterloo.ca](mailto:jehlau@uwaterloo.ca)

## TECHINICAL SKILLS

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LANGUAGES: Java, Python, HTML/CSS, JavaScript, MongoDB, C++,  
TOOLS: Git, Vim, JUnit, Android Studio, Eclipse,

## WORK EXPERIENCE

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| APR 2016<br>JAN 2016 | <b>CognisantMD</b><br><i>Software Developer</i> <ul style="list-style-type: none"><li>- Improved asynchronous data transmission from the Spring/MongoDB back end to the Android client for handling encrypted PHI</li><li>- Implemented UI redesign using Bootstrap and RequireJS for modularizing Javascript code</li><li>- Developed both the frontend and backend code for previewing and reverting an electronic form's history using Spring MVC</li><li>- Worked on implementing a health card validation service using SOAP and public key cryptography</li><li>- Wrote code for data exports and billing information with REST endpoints</li></ul> |
| SEP 2015<br>May 2015 | <b>Piller's Fine Foods</b><br><i>Web Developer</i> <ul style="list-style-type: none"><li>- Developed a fully responsive website using Bootstrap and Javascript/jQuery</li><li>- Wrote a plug-in in PHP to receive and validate POST data on Craft CMS, along with sending automated e-mails</li></ul>   |
| JAN 2016<br>SEP 2015 | <b>University of Waterloo</b><br><i>Undergraduate Marker</i> <ul style="list-style-type: none"><li>- Marked MATH135 assignments for first year math undergraduate students</li></ul>  |

## RELEVANT PROJECTS

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- Crypto - *Android App*
  - Implements encryption and decryption with asymmetric algorithm (RSA)
  - (*In Progress*) Implements encryption and decryption with symmetric algorithm (DES, AES)

## EDUCATION

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FALL 2014 - Present University of Waterloo and Wilfrid Laurier University  
*Candidate for Bachelor of Computer Science,  
Bachelor of Business Administration (Double Degree)*

## ACHIEVEMENTS AND AWARDS

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- Samsung Live Case Competition Finalist - *Wilfrid Laurier University, Oct. 2014*
  - 2nd place out of over 250 teams in the Samsung Live Case Competition
  - Presented a recommendation to a panel of Samsung Canada executives
- Work Term Report Award - *University of Waterloo, May 2016*
- Term Dean's Honours List - *University of Waterloo, Jan. 2014*