

# ABHISHEK KAUL

Computer Engineering 1A  
University of Waterloo

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## Summary of Qualifications

- 6 months' experience with Java, 1 year C#, 6 months C++, online courses in HTML, CSS, and JavaScript
- Made a website using HTML, JavaScript and CSS
- Alternated between Java and C# to solve Project Euler questions
- Basic hardware and software troubleshooting
- Replaced laptop and computer hardware
- Microsoft Word, PowerPoint, Excel, and Publisher, Command Prompt, and Photoshop skills
- Captain for volleyball and badminton (high school)
- Professional communication experience from working with school administration for NHS projects.

## Experience

### TRAINEE INTEX TECHNOLOGIES (INDIA) LTD.

JULY 2013

- Computer troubleshooting, BIOS-level software installation, Assembly and disassembly of a computer.
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- Solved Project Euler questions using my knowledge of programming logic (ex. recursion).
  - Tested my knowledge of JavaScript, HTML, and CSS by making webpages combining the three.
  - Wrote essays, made presentations, and created spreadsheets among other things during high school for assignments.
    - In university made a spreadsheet that took in individual grades from classes and properly weighed every part to successfully calculate current/final grade in the midst of variables (ex. final exam scores) that change the weightage.
  - Made batch files for fun as well as used a GNU compiler with Command Prompt.
  - Used leadership, empathy, and communication skills to lead a younger set of volleyball and badminton players to a positive year of improvement in attitude and skill.
  - Used my professional communication skills to help coordinate projects, such as *Miles for Smiles*, between the NHS and school administration throughout the year.
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### SELF-ISSUED FIXING MY LAPTOP

APRIL 2017

- Full reset of Windows OS via emergency recovery partition
  - Registry corruptions affected bootup and caused systemic BSODs
- Replaced my hard drive after careful systematic troubleshooting
  - Uncorrectable sector count and read error rate crossed threshold
    - Imminent HDD failure
- Resolved issue regarding CD-ROM tray ejection failure

## Volunteer Experience

### 7 CUPS OF TEA

- Position: Trained Active Listener

Details: In my role as a trained active listener, my primary responsibility is to provide emotional support for individuals struggling with a variety of mental health issues. Active listening involves non-judgmental support and use of micro-skills like reflection, summarizing and empathizing. I received training and passed assessments on several topics such as but not limited to breakup advice, sexual abuse, ADHD, and bullying. Additionally, I served as a member of the broader listener community and helped with peer support and growth of the overall organization through community outreach and collaboration.

## Activities and Interests

- Badminton team captain, part of the team for 6 years, *Surabaya Intercultural School*
- Drumming (4 years)
- Volleyball team captain, part of the team for 4 years, *Surabaya Intercultural School*
- Psychology
- National Honour Society (NHS), 2 years, *Surabaya Intercultural School*

## Awards & Accomplishments

- President's Scholarship of Distinction (Waterloo)
  - Achieved  $\geq 95\%$  admission average coming into the university
- Honour/high honour roll in 11<sup>th</sup> and 12<sup>th</sup> grade
  - Honour roll: no grades below 70%, and average above 87.5%
  - High honour roll: no grades below 90%, and average above 90%
- Badminton (grades 7 to 12)
  - Team captain (senior year)
  - Most Valuable Player
  - Team Spirit
  - Most Improved Player
- Volleyball (grades 9 to 12)
  - Team captain (senior year)
  - Most Valuable Player
- World Scholar's Cup
  - Selected for debate showcase ahead of all the other students representing my school
- Drumming
  - 5<sup>th</sup> place in a drumming competition
  - 11<sup>th</sup> grade high school jazz band

## Education

### UNIVERSITY OF WATERLOO

*Candidate for Bachelor of Applied Sciences, Computer Engineering*

*September 2016 – June 2022*

*Linear & Digital circuits, Discrete Math, Calculus I & II, C++ and Android (XML + Java) programming*

### SURABAYA INTERCULTURAL SCHOOL

*American High School Diploma*

*August 2012 – May 2016*

*AP: Psychology, Computer Science, Calculus, Chemistry, Physics. 90%+ average grades 11 – 12*