

DADI “D.Z.” ZHANG

2A Computer Science | University of Waterloo | 20610552

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SKILLS SUMMARY

- **Proficient:** Java, HTML, CSS, Scheme (Racket), Android development, XML, and Markdown
- **Experienced:** Bash, C, C++, Git, JavaScript, JSON, Bootstrap, Jekyll, and \LaTeX
- **Familiar:** AngularJS, SQL, Python 2.7, and Regex
- **Tools:** Linux (Ubuntu), Android Studio, Vim, Sublime Text, Atom, VirtualBox, Eclipse, and TeXMaker
- **Languages:** Fluent in English and Mandarin Chinese; Proficient in Japanese (JLPT N3 Level)
- **Others:** Extensive knowledge in biology and biochemistry; Proficient in basic probability theory
- Curious and conscientious with an earnest desire to learn; Fast independent learner with published projects; Enthusiastic and effective team player (2 hackathons with team awards: Waterloo Hacks and NHacks)

WORK & VOLUNTEER EXPERIENCE

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| Software Engineer
Gemalto NV - Ottawa, ON, Canada | September 2016-Present |
| • Will update in September 2016 | |
| Museum Educator Volunteer
UBC Beaty Biodiversity Museum - Vancouver, BC, Canada | October 2014-June 2015 |
| • Interacted with and engaged visitors with touchable specimens and biodiversity talks | |
| • Assisted with educational programs for children, including Puppet Shows and Story Time | |

PROJECTS & HACKATHON EXPERIENCES

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| WatScholarship 🐙 Google Play: https://goo.gl/CUZQBA
Java, XML, Android Studio, JSON | January 2016-Present |
| • Published an Android application that helps UWaterloo students search for scholarship information | |
| • Learned much about user interface design, API calls, and Android development in general | |
| Personal Website 🐙 http://dzed.me
HTML, CSS, JavaScript, Jekyll, Markdown, Bootstrap | November 2015-Present |
| • Built a personal blogging website that showcases my projects, interests, and thoughts | |
| • Updating a series of tutorials on the game of Go and lecture notes to share with my peers | |
| • Accumulated over 3,000 page views as of July 2016 | |
| Myo Muse - Waterloo Hacks 🐙 GitHub: https://git.io/vzhPr
Java, XML, Android Studio, JSON | January 2016 |
| • Built the Android client of Myo Muse, a music application that changes the song playing in the Spotify playlist to match the user's running pace; 1st Place in Waterloo Hacks (http://goo.gl/jRulf4) | |

EDUCATION

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| • Candidate for Bachelor of Computer Science, Honours, Co-operative
University of Waterloo, Waterloo, ON, Canada | 2015-2020 (expected) |
| • Udacity - Introduction to Data Science
• NumPy • Pandas • Data Analysis • Data Wrangling • MapReduce | May 2016 |

HONOURS, AWARDS & ACHIEVEMENTS

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|--|-------------------|
| • Jymbit, “Most Promising Future Startup”, NHacks | March 2016 |
| • Faculty of Mathematics Global Scholarship
Valued at \$12,000 over 5 years; Awarded to top international students | Fall 2015-Present |
| • Top 25% in UWaterloo Centre for Mathematics and Computing Contests
Euclid (2014, 2015), CSMC (School Gold Medalist, 2014), Fermat (2014), Cayley (2013), Pascal (2012) | 2012-2015 |
| • Runner-Up, Reach for the Top British Columbia Provincial Tournament
Member of the Churchill Secondary Reach for the Top Team; Team qualified for Nationals | April 2015 |
| • National Biology Scholar Award
2014 University of Toronto National Biology Competition; 106th out of more than 3,000 contestants | May 2014 |

EXTRA-CURRICULAR ACTIVITIES & INTERESTS

- **Go** Certified 5-Dan Go player; 1st Place in the 2013 TCCS Vancouver Youth Go Tournament; 4th Place in 2014 Vancouver Go Open; Member of the UWaterloo Go Club and WeGo Club
- **Baseball** Co-founder and ex-president of the Sir Winston Churchill Secondary School Baseball Club; Actively organized weekly practice and games; UWaterloo Intramural Slo Pitch League (2015-Present)
- **Other Interests** languages (currently learning Norwegian), piano (Grade 8), association football, tennis, baseball and football statistics, literature, data science, and biology