DADI "D.Z." ZHANG

2A Computer Science | University of Waterloo | 20610552

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SKILLS SUMMARY

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

PROJECTS & HACKATHON EXPERIENCES

Myo Muse - Waterloo Hacks by Google Developers   January 2016
Java, XML, Android Studio

- Built the Android part of Myo Muse, a music application that changes the tempo of a song to match the user's running pace.
- 1st Place in Waterloo Hacks

Personal Website   ⚘ http://dzed.me   November 2015-Present
HTML, CSS, JavaScript, Jekyll, Bootstrap

- Built a personal blogging website that showcases my projects, interests, and thoughts
- Updating a series of lecture notes to share with my peers
- Updating a series of tutorials on the game of Go
- Accumulated over 500 page views as of May 2016

WatScholarship   ⚘ Google Play: https://goo.gl/CUZQBA   January 2016-Present
Java, XML, Android Studio, JSON

- Developed an Android application that helps UWaterloo students search for scholarship information
- Learned much about user interface design, API calls, and Android development in general

WORK & VOLUNTEER EXPERIENCE

Museum Educator Volunteer   October 2014-June 2015
University of British Columbia - Beaty Biodiversity Museum, Vancouver, BC

- Interacted with and engaged visitors with touchable specimens and biodiversity activities
- Assisted with educational programs for children, including Puppet Show and Story Time

EDUCATION

- **Candidate for Bachelor of Computer Science, Honours, Co-operative**   2015-2020 (expected)
  University of Waterloo, Waterloo, Ontario   Cumulative Average: 88.1% (3.89 GPA)

- **Udacity - Introduction to Data Science**   May 2016

HONOURS, AWARDS & ACHIEVEMENTS

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

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(2015-Present) 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 Japanese and Norwegian), piano(Grade 8), association football, tennis, baseball and football statistics, literature, and biology