AARON (ZEXUAN) WANG

Software Engineer

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SCAN ME

SKILLS

Python   Java   C/C++   Golang

HTML/CSS/Javascript   PHP

Linux/MacOS   Vim   Mercurial/Git

Agile Development   TDD

Table Tennis   Violin   Mandarin

EDUCATION

Bachelor of Applied Science in Engineering Science (Computer Engineering Option)
University of Toronto

📅 09 2011 – 05 2016
📍 Toronto, Canada

- GPA: 3.82 out of 4.0
- Top ranking: 8 out of 253

ACHIEVEMENTS

Patent ID: 10534758
File System Cache Tiers *(link)*

Professional Table Tennis Player
Top ranking: *No.10 in Canada*

Academic Contest Results
Euclid math contest: *13/16,000*

Community Contribution
NCTTA Northwest director

REFERENCE

All projects and working experience are available upon request.

ABOUT ME

Dedicated individual seeking for a fun software developer role.

WORK EXPERIENCE

Software Developer Engineer | Google Inc
📅 03 2018 – Current   📍 Seattle, US
- Create framework to enable cross-cloud automated testing for *BigQuery Omni*
- Enhance performance testing and benchmarking framework for *BigQuery*
- Reduce end-to-end testing flakiness from 50% to 13%

Technical Member of Stauff | Qumulo Inc
📅 09 2016 – 03 2018   📍 Seattle, US
- Improve network protocol implementation (NFS, SMB & LDAP) for Qumulo FS
- Add ability to support 3-drive failure to the protection layer of Qumulo FS
- Analyze and accelerate Qumulo FS performance by adding file read cache

Software Engineer Tools & Infrastructure Intern | Google Inc
📅 05 2015 – 08 2015   📍 Mountain View, US
- Create custom pre-submit checks for the Google Social team

Software Intern | Altera Corp (Now Intel Corp)
📅 05 2014 – 05 2015   📍 Toronto, Canada
- Create and maintain testing framework to compile and execute circuit designs
- Competitive analysis to compare Quartus with Vivado

Software Intern | Rocscience Inc
📅 05 2013 – 08 2013   📍 Toronto, Canada
- Developed new 3D stress analysis Windows application called ExamineTab
- Receipt of NSERC (Undergraduate Student Research) award

Research Assistant | University of Toronto
📅 05 2012 – 08 2012   📍 Toronto, Canada
- Introduced new Python and Matlab programs to expedite data collection process
- Participant of the SURF (Summer Undergraduate Research Fellowship) program

PERSONAL PROJECTS

See http://individual.utoronto.ca/zexuan/software.htm