

Keyan Wang

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EDUCATION

Honors Bachelor of Science, University of Toronto.

September 2013 – June 2018

- Specialist Program in Computer Science
- Relevant Courses: System Programming, Operating Systems, Theory of Computation, Data Structures and Analysis, Algorithms, Databases, Interactive Design, Principles of Programming Languages, Artificial Intelligence, Web Programming, Software Testing

TECHENICAL SKILLS

- **Programming Languages:** JavaScript, Python, Java, C, C++
- **Web/Server:** HTML, CSS, NodeJS, Express, jQuery, React
- **Database:** MongoDB, SQL
- **Version Control Systems:** Git, Subversion
- **Microsoft Office Suite:** Word, Excel, PowerPoint
- **Operating Systems:** Windows, macOS, UNIX

EXPERIENCE

Implementation/QA Engineer at pVelocity Inc

May 2016 – May 2017

- Worked with MongoDB, SQL and implemented new product features using JavaScript
- Built programs for analyzing application performance problems
- Wrote script for application installation, deployment, configuration and migration
- Designed test plans and developed test cases for automated testing

WeLovePets

Winter 2018

- Led a team of 4 students to develop a pet forum for people to adopt pets, find lost pets, and share pet stories
- Used HTML, CSS, jQuery and React for the front-end, firebase for the back-end, and created public HTTPS URL with ngrok

Code Translation Project

Fall 2018

- Built a python program that converts imperative code to functional form

Page Tables and Page Replacement

Summer 2017

- Implemented virtual-to-physical address translation and demanded paging using a two-level page table using C programming language
- wrote 4 different page replacement algorithms: FIFO, Clock, LRU and OPT

Programming in Linux Kernel

Winter 2016

- Wrote and installed kernel modules to the Linux kernel and intercepted system calls

Android Application Development Project

Fall 2014

- developed an Application for hospital room management using eclipse

INTERESTS

- Cooking, Guitar, Badminton, Table Tennis, Meditation