

RICHARD CHOI

COMPUTER SCIENCE, UNIVERSITY OF WATERLOO

✉ w33choi@uwaterloo.ca ☎ (613) 413-9971 📧 woongbinchoi

SKILLS

Languages: JavaScript, C, C++, Java, Python, Racket, XML, JSON, HTML, CSS

Tools: Git, AutoHotkey, MongoDB, MSSQL, SQLite, Bash

Frameworks: Node, Express, jQuery

EMPLOYMENT

Quality Assurance Analyst
pVelocity

May - Aug 2017

- Wrote 50+ scripts which are used for 500+ automated test cases of web application
- Actively communicated with other developers; collaborated on 10+ projects
- Worked with Javascript (Node.js), JSON, XML and databases (MongoDB, MSSQL, SQLite)
- Gained exposure to Salesforce and other CRM platforms

Programming Camp Supervisor
Carleton University

Jul - Aug 2015

- Collaborated with professional programmers to create engaging lesson plans
- Demonstrated leadership and communication through teaching children programming

PROJECTS

Personal Website | HTML, CSS, Javascript (jQuery)

Present

- Created a website that introduces personal projects, experiences and achievements
- Utilized Bootstrap framework to achieve better user experience design

Piano Online | Javascript (Node.js, jQuery)

Aug 2017

- Developed a web application which enables users to play a virtual keyboard online.
- Users can concurrently play piano, and have a conversation through instant messaging
- Achieved real-time communication functionality through Node.js

Gomoku | Javascript

May 2017

- Implemented a popular board game, Gomoku, on a web browser
- Users can undo moves, reset and restart games with different player and piece setting

Breeze-Through | Java (Android Studio)

Jan 2017

- Created a stress relieving Android application using numerous functionalities
- App diagnoses user's feelings and provides relief through relevant contents

DaoStory | Python

Jan 2017

- Developed a 2D side-scrolling RPG game that features save & load and sprite animation
- Provided players with basic customization options to enhance user experience

EDUCATION

University of Waterloo

- Candidate for Bachelor of Computer Science | Class of 2021
- Attained a cumulative GPA of 3.85 / 4

AWARDS

Dean's Honours List · University of Waterloo

Apr 2017

- Awarded for students with over 87%+ cumulative average
- Received over every school term (1A, 1B)

Faculty Global Scholarship · University of Waterloo

Aug 2016

- Selected as one of the 20 first year students in the Faculty for academic excellence