Jason Fang

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Overview

A motivated and enthusiastic university student driven to excel in the software industry. A quick learner and always willing to expand his programming knowledge. Technically-capable with excellent oral and written communication skills.

Professional Profile

- One year of experience developing apps for clients using agile methodologies, developing strong interpersonal skills and client relations
- Often worked as a team lead in various team-orientated software projects, including programming robots with Python
- High programming proficiency in Java, JavaScript, Python, C
- Technically capable and knowledgeable in a variety of software tools and environments (See below)
- Strong and solid educational foundation in mathematics and computer science

Technical Skills

- **Programming Languages:** Java, C/C++, Python
- **Web Development:** HTML5, CSS3, JavaScript(JQuery)
- **Tools and Software:** GVim, Git, Linux Shell, Notepad++, Terminal, LaTeX, Eclipse, Cloud 9
- **Operating Systems:** Windows XP/Vista/7/8, Ubuntu Linux

Related Experience

***TechU.me* Software Developer, Kanata, ON. June 2013**

- Designed and created educational apps for grade 4 children based on given requirements using HTML/CSS/Javascript and MelonJS
- Incorporated agile methodologies and development cycle such as daily scrums and sprints
- Developed for the BlackBerry Playbook using WebWorks
- Prepared custom sprites and images with Adobe PhotoShop

***Advanced Mathematics Tutor and Center Supervisor*, Kumon, Kanata, ON. Feb. 2009 - June. 2013**

- Managed and maintained ideal classroom flow to optimize the students' work efficiency
- Explained and clarified advanced mathematical concepts to deepen the students' understanding
- Documented the students' progress with care and detail

Private Tutor, **Kanata, ON. Aug. 2011 - Aug. 2013**
- Tutored individual students in various senior high school science and math courses
- Identified student weaknesses and resolved each one completely and in a timely manner, leading to stronger academic performance
- Delivered regular oral progress reports to the students' parents/guardians in a professional manner

Education
- Candidate for *Bachelor of Software Engineering*, Honours Software Engineering, University of Waterloo, Waterloo, ON. September 2013 - Present
  Relevant Courses
  - Programming Principles:
    * Programmed extensively in C99
    * Incorporated various basic algorithms and data structures in advanced programs
  - Introduction to Methods of Software Engineering:
    * Developed various Python scripts and functions to add realistic behaviour and A.I. to a robot in a group setting
    * Improved upon teamwork skills and developed a leadership role in the project
    * Learned about ethics and law related to engineering
- *Ontario Secondary School Diploma*, Earl of March Secondary School, Kanata, ON. June 2013

Awards and Achievements
- President's Scholarship - University of Waterloo, 2013: Awarded to students with an entrance average from 90-94.9%
- Faculty of Mathematics Entrance Scholarship - University of Waterloo, 2013: Awarded to students with exceptional mathematical ability applying for the math faculty
- Euclid Mathematics Contest Top 10% - University of Waterloo, 2013
- Subject Awards in Advanced Functions, Calculus and Vectors, Data Management and Probability - Earl of March Secondary School, 2013: Awarded to the student(s) with the highest mark in the given course in the current year
- Silver Medal - Earl of March Secondary School, 2009-2013: Awarded each year for students with an average above 90%

Extracurricular Activities
- Co-Founder: Strategic Gaming Club
- Coordinator and Tutor: Peer Tutoring Club
- Competed in the Waterloo Engineering Competition (Fall 2013)
- Member: Debate and Computer Club