Yufei **Cui**

COMPUTER SCIENCE · SOFTWARE ENGINEER

2 Little Ashley Dr. Vaughan, ON, Canada

☐ (647) 217-0313 | ✉ yufei.cui@mail.utoronto.ca | ⌂ individual.utoronto.ca/cuiyufei | ☐ YufeiCui | ☐ yufei-cui-891443124

Skills

TECHNICAL

- Proficient in use of Python, Java, C, C++, Node.js, etc. to solve problems with algorithms & data structures, UML's, and application of software design principles
- Proficient in Unix/Linux environments to carry out system level tasks competently
- Skilled at design, structure, analysis, and verification of software developed through team projects resulting strong testing capabilities
- Excellent in working with scrum agile software development process to ensure cohesion and integrity of team projects

INTERPERSONAL

- Exhibit personal discipline and effective time management by creating a personal agenda, and setting short term and long term goals
- Leading role in group projects; dividing work load among the team, initiating group meetings, and ensuring the cohesiveness of the team, resulting excellent leadership and teamwork skills
- Fluent in English and Mandarin

Education

University of Toronto   *Toronto, Ontario*

HONOURS BACHELOR OF SCIENCE, SOFTWARE ENGINEER SPECIALIST, CO-OP   *Sept.2015 - PRESENT*

- University of Toronto Entrance Scholar ($1500)
- GPA: 3.76 out of 4.0

Experience

IBM

SOFTWARE DEVELOPER INTERN ON IBM CLOUD AUTOMATION MANAGER   *May. 2018 - Aug. 2019*

- Implement and update new designs across the product to create an aesthetically pleasing user interface
- Implement Content Security Policy(CSP) changes to enhance UI resistance to cross-site scripting (XSS) attacks
- Following WCAG(2.0) guidelines to create, maintain, and manage components in IBM accessibility compliant web applications
- Perform security, performance, accessibility automation quality assurance testing to ensure product integrity
- GDPR (General Data Protection Regulation) compliance implementation and testing to support IBM's commitment to data privacy

Leonardo Worldwide Corporation

HYBRID - QA ANALYST & JUNIOR DEVELOPER INTERN   *Apr. 2017 - Dec. 2017*

- Analyze, design, implement, and maintain manual and automation test scripts to ensure the stability and reliability of Leonardo's solutions
- Used and learned techniques and tools such as SOAP UI, Postman, Splunk, Assertible, etc
- Developed and tested projects using AWS micro-services to create cheap, robust, and scalable solutions
- Flexible at an adequate level with tools (language) such as Vagrant, Puppet, Terraform, etc

University of Toronto

TEACHING ASSISTANT - COMPUTER SCIENCE I & II, DISCRETE MATHEMATICS, DATA STRUCTURES   *Jan. 2017 - Present*

- Held weekly tutorials and practicals for more than 30 students strengthening students' understanding of concepts
- Held review seminars to revise important ideas and examples for midterms and final
- Created a personal website to distribute homework, quizzes, feedback, and assignments
- Taught foundational topics such as UML, OOP, memory model, algorithms, recursion, and complexity

Achievements & Awards

2016/7/8	**Student**,	University of Toronto Dean's List	*UToronto*
2014	**Business**,	Top 10 DECA Regionals	*DECA*
2014	**Mathematics**,	Top 20% of Euclid Math Contest	*UWaterloo*