

Adam Reid

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Summary of Skills

- Proficient developing in Java, C, C#, SQL, PHP, HTML, JavaScript, CSS, Python, C++, and MATLAB
- Possess valuable oral and written skills established by producing documentation for approximately forty different programs that I have created
- Have used many popular operating systems, such as Windows, OSX, and Linux
- Have a high ability to quickly learn and apply new concepts, as demonstrated by my implementation of many different programming and testing methods
- Can easily solve problems efficiently, using a variety of logical approaches, both mathematically, and computationally
- Have a strong ability to multitask in order to complete tasks more efficiently

Education

Bachelor of Computing, Computer Science (Co-op)

September 2013 - Present

University of Guelph, Guelph, ON

- On pace to obtain a Minor in Mathematics
- Received the Dr. Mary McLeish Award (2014) for having the highest average of all Computer Science students in core first year Computer Science courses

High School Diploma

September 2009 - June 2013

Georgetown District High School, Georgetown, ON

- Graduated as an Ontario Scholar

Project Experience

- GitHub Profile: <https://github.com/1024Adam>
- Developed an encoder/decoder program in C to efficiently compress files using the Huffman encoding method
- Building a meal organization application in PHP, which generates PDF grocery lists based on the user-selected meals
- Produced a day planner program in Java using Swing that helps people easily organize and schedule tasks
- Developed a program in C and Java which generates user interfaces based on a configuration input file
- Collaborated with a team to contribute to the GitHub project Piskel, which is written in JavaScript, HTML, and CSS

Work Experience

Software Developer

January 2017 - Present

Brock Solutions, Kitchener, ON

- Design, develop, and maintain secondary performance human-machine interfaces for clients, which allow for the analysis, and modification of production data supplied by different machines and workers
- Detect, and report bugs that have been discovered through department code reviews or testing procedures
- Investigate, and implement effective solutions to defects found in a variety of different programs that have been made
- Conference directly with clients on project specifications to ensure that their needs are met with respect to the product being developed

Application Developer

May 2016 - December 2016

University of Guelph, Guelph, ON

- Responsible for redesigning the Hospitality Services Online Services website, which processes thousands of dollars in transactions on a daily basis, written in C#, HTML, CSS, and JavaScript in a .NET environment
- Maintain and update pre-existing web applications written in a variety of languages, mainly ColdFusion, PHP, C#, HTML, CSS, and JavaScript
- Perform numerous SQL queries, using Microsoft SQL Server, in order to get crucial data from tables in an efficient manner
- Write detailed operating manuals on how to properly use the web applications used by Hospitality Services, so future users can easily navigate through the system
- Provide support for, and manage numerous Microsoft Windows Servers, ensuring that all issues are dealt with quickly, and effectively

Quality Assurance Analyst

May 2015 - December 2015

The Co-operators, Guelph, ON

- Create automated test scripts in Java using Selenium in order to simplify the testing process, and produce more consistent test results during regression testing stages
- Perform system integration testing, functional testing, and regression testing in Guidewire PolicyCenter software, resulting in a better final product overall for customers
- Lead system integration testing for a software upgrade, involving the production of a test approach, the creation of a test schedule, and reporting the test status at daily meetings
- Review XML to further determine the causes and resolutions of defects
- Document defects and bugs found in the testing process, reporting over thirty system defects per month