Eliav Yehuda

Software Engineering • University of Waterloo

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Skills

- Java, C++, C, C#, Python, SQL, HTML, CSS, JavaScript, MATLAB
- Experience with Spring MVC, AngularJS, ASP.NET MVC, REST, AJAX, Hibernate, Mokito, Bootstrap, GIT, SVN, Tomcat
- Strong initiative and passion for learning, confident in leadership roles, attentive listener with a strategic vision

Professional Experience

Autodesk - Software Developer

Toronto, Jan. 2016 - April. 2016

Toronto, Apr. 2015 - Aug. 2015

- Fixed high severity security vulnerabilities detected by security scans, clearing 100% (27) of venerability detections.
- Optimized search query and improved return speed from a few minutes to several hundred milliseconds,
- Investigated and fixed two major causes of crashes, leading to a 20% reduction in customer crashes.
- Successfully researched and integrated a tool to design, prototype and document APIs



UXP Systems – Software Developer

- Optimized OSS/BSS infrastructure feature to improve connection speed by 35%.
- Enhanced and extended the user interface for a cloud based connected home system.
- Improved code quality and increased code coverage by 60% by optimizing code, writing unit/integration tests, identifying bugs and conducting code fixes.



Edisoft - Software Developer

Toronto, Apr. 2014 - Aug. 2014

- Designed and developed the frontend and backend to the order, shipment and invoice pages.
- Optimized subroutines to improve performance of application and database interactions.
- Handled company databases on SQL Server and used database SQL query to push and pull trade data.

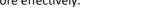


Genesys

Genesys - Mobile Developer

Toronto, Aug. 2013 - Dec. 2013

- Improved code quality of android applications for multiple mobile application projects.
- Developed applications for Google Glass using the Glass Development Kit (GDK)
- Researched ways to create acceptance test using selenium and debugging node software more effectively.



Ontario Ministry of Finance – Database Programmer

• Developed advanced programs that automate the creation of financial graphs, tables and reports as source data gets updated in the database.

Ontario

Optimized and tested software programs and software development procedures.

NexJ Systems – Client Quality Assurance Analyst

Toronto, Apr. 2012 - Aug. 2012

Toronto, Jan. 2013 - May. 2013

 Executed QA testing (functional, Regression, Performance, Integrated, Exploratory) in various client environments.



Projects

Real-Time Executive, Operating Systems

 Co-designed and developed a real time Operating System written in C.

MIPS Compiler, Compiler Development

 Created a compiler for a programming language that is a subset of C.

Cards Game, User Interface

 Developed a C++ program with a user interface that will run a cards game on X11 windowing system. Using software design patterns for multiple features to ease user interface.

Android Game, Android Development

 Designed and developed a game resembling Fruit Ninja android app using Java Swing and ported it to Android.

Professional Website, Web Development

 Developed a personal website which features bio, social media profiles and portfolio using Jekyll, Bootstrap, SASS and JavaScript.

LEGO Robot, Software Abstraction

 Designed and built a program to allow a Lego RCX robot navigate through a maze autonomously using its sensors.

Education