Eliav Yehuda

Software Engineering • University of Waterloo
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Skills

- Java, C++, C, C#, Python, SQL, HTML, CSS, JavaScript, Assembly, 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

Software Developer (CO-OP) – UXP Systems
Toronto, Apr. 2015 – Aug. 2015

- Developed backend OSS/BSS infrastructure that innovates above Rogers's legacy systems.
- Implemented the UI for the KNOCK platform cloud-based solution ensuring strong functionality and optimization.
- Improved code quality and increased code coverage by 50% by optimizing code, writing unit/integration tests, identifying bugs and conducting code fixes.
- Onboarding new developers teaching them the development processes, testing strategies and coding standards.

Software Developer (CO-OP) – Edisoft
North York, Apr. 2014 – Aug. 2014

- Developed full-featured EDI solutions with for businesses to connect and trade easily
- Optimized subroutines to improve performance of application and database interactions.
- Designed and developed the frontend and backend to the order, shipment and invoice pages.
- Handled company databases on SQL Server and used database SQL query to push and pull trade data.

Mobile Developer (CO-OP) – Genesys
Markham, Aug. 2013 – Dec. 2013

- Developed and debugged software features using Java and JavaScript.
- Assisted in developing android applications for multiple application projects.
- Researched ways to create acceptance test using selenium and debugging node software more effectively.
- Stepped in on 3 projects that were running behind schedule and completed them on time.

Database Programmer (CO-OP) – Ontario Ministry of Finance
Toronto, Jan. 2013 – May. 2013

- Developed advanced programs that automate the creation of financial graphs, tables and reports as source data gets updated in the database.
- Optimized and tested software programs and software development procedures.
- Performed maintenance to the database system and wrote documentation for newly created programs.

Client Quality Assurance Analyst (CO-OP) – NexJ Systems
Toronto, Apr. 2012 – Aug. 2012

- Executed QA testing (functional, Regression, Performance, Integrated, Exploratory) in various client environments.
- Created test plans based on functional design documentation for current and upcoming features with close coordination with Application Developers, Product Management and Professional Service.

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

Candidate for Bachelor of Software Engineering 3B
Waterloo Sept. 2011 – Present