

Randy Agyapong

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EDUCATION

Lassonde School of Engineering, York University

B.Sc., Spec. Hons. Computer Science

2013 – Present

Expected Graduation: *October 2017*

SKILLS

Proficient: Java and Eiffel

Familiar: JavaScript, C, HTML/CSS, CGI, PVS, Perl, SQL

Tools: Android Studio, Linux, JSON, Eclipse, Eiffel Studio, Git, Unix Environment, Latex, Jira, DBMS, JSP

WORK EXPERIENCE

Freelance Software Developer, Sierra Custom Foods

May 2017 – September 2017

- Developed Java application and GUI with Sierra Custom Foods for aggregating and displaying large amounts Excel sheets of daily profits, quotas, and costs.
- Debugged, wrote Unit tests, and optimized application for efficient traversal of files.

PROJECTS

Wild Life – Java, XML, SQL

- Published an Android application to Google Play store for capturing wild-life media and displaying encyclopedic information for each added image.
- Developed a photo gallery to scroll through each image in a stylish fashion.
- Provides educational, illustrative passages as the application grows in number of photographs.

Distance Sensor – C, Assembly

- Real-time application of a system sensor, developed in a team of two in C, that uses a microcontroller for detecting distance of an object by IR Rangefinder.
- Developed the active feedback system outputted from RGB LED and sound frequency as an object approaches.

Messenger System – Eiffel

- Mission critical system developed in Eiffel in a team of two for sending messages between users.
- Privacy ensured through use of mathematical sets, dictionaries, and strong client and supplier method contracts enforced by Eiffel language, and are proven to be complete and disjoint.

Foods R Us – Java, JSP, CSS, HTML, JavaScript, SQL, CGI

- Ecommerce website developed primarily in Java in a team of three that retrieves food items from a SQL database and displays their listing on a webpage.
- Implemented HTTP authentication with PERL for hashing user log-in information.
- Food items are placed in a cart, a user can log in, and checking out exports their order based on a XML schema.

EXPERIENCE

SVP Sports, Sales Associate

June 2011 – Present

- Perform required duties and adapt to fit customer needs such as shoe and athletic equipment recommendations.
- Order, restock, and organize merchandise depending on inventory quantity.