Joseph D. Yun

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Education & Courses

Georgia State University, Atlanta, GA **Expected Graduation:** May 2017
Bachelor of Science, Computer Science **GPA:** 3.66 out of 4.00
Concentration: *Database & Knowledge-Base System*

- Hope Scholarship
- Dean's list (Spring '13/ Fall '14/ Spring '15/ Fall '15)
- The National Society of Collegiate Scholars

Relevant Coursework
Principle of Computer Programming
Theory Foundation of Computer Science
Math Models for Computer Science
Software Engineering (Spring '16)
Operating System (Spring '16)
Design & Analysis: Algorithm (Spring '16)

In-Progress Courses (Fall '16)
Web-Programming
Relational Database System
Computer Network
Non Maj. Comp-Sci - Python

"What have I learned in these courses"

Computer Organization & Programming*:* Basic fundamentals of Object-oriented Programming with Java (inheritance, polymorphism, abstraction)
System-level Programming*:* Python, UNIX/Linux, C
Data Structures- CTW*:* Data structures of
Computer Architecture: Knowledge of basic computer infrastructure (memory, registers, CPU)
Programming Language Concept: History of programming languages, syntax and semantics of different languages.
Operating System: Relational concept between memory and operating systems. Programming with multi-thread (pthread, mutex-lock, deadlock, scheduling algorithms: FCFS, SJF)

Programming Languages & Projects

Java, Python, UNIX, *C,* HTML, XML, CSS, JavaScript, jQuery, PHP/ SQL

"**Bank Simulation**" (*Java*)

- Simulation of a real life bank scenario, estimating number of customer each teller dealt within given amount of time. Based off of randomly generated time given to each customers.

"*Lazy Student Calendar*" (Android application| *Java* & *XML*)———

- Capture syllabus contents to distribute its data (important test dates, professor/ TA names and contacts, textbook information) to phone's native application such as calendar, contact, email, browser, using tesseract OCR (open source API).

"Checkerboard" (*HTML*, *CSS*, *JS*/*jQuery*)

- Web-application representing user-interactive checkerboard game.

Work Experience