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	**In-Progress Courses** (Fall '17)
Principle of Computer Programming	*Web-Programming*
Theory Foundation of Computer Science	*Relational Database System*
Math Models for Computer Science	*Computer Network*
Software Engineering (Spring '16)	*Non Maj. Computer-Science - Python*
Operating System (Spring '16)	
Design & Analysis: Algorithm (Spring '16)	

"What I have learned in these courses"

Computer Organization & Programming*: Fundamentals of Object-oriented Programming with Java (inheritance, polymorphism, abstraction).*

System-level Programming*: Python, UNIX/Linux, C.*

Computer Architecture: Understanding of computational relations between memory, CPU, registers.

Programming Language Concept: History of programming languages, syntax and semantics of different languages.

Design and Analysis of Algorithms: Data structures, sorting, compression, generic algorithms. Combination problems (Eulerian cycle, MST, page rank). Computational complexity. Heuristics and approximation algorithms.

Operating System: Relational concept between memory and OS. Different types of overhead in multithread utilization. Programming with multi-thread (pthread, mutex-lock, deadlock, scheduling algorithms: FCFS, SJF).

Software Engineering: Different types of software development cycles (Waterfall, Agile, XP). Documentation process (Problem statements, Gannt chart, FPC, Use cases, RTM). Hands-on team-based projects. Android programming.

Programming Languages & Projects

Java, Python, UNIX, *C,* HTML, XML, CSS, JavaScript, jQuery

"**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

Yuka **Sushi & Roll,** Suwanee, GA   *Dec. 2012 – Dec. 2013*
  Waiter

Air-Lynk Wireless, Atlanta, GA   *Dec. 2015 – Present*
  Sales Representative