

Education

University of Kansas	LAWRENCE, KANSAS
Bachelor of Science in Computer Engineering	<i>Expected May 2018</i>
Cumulative GPA: 4.0 • Engineering GPA: 4.0 • Garmin & TVBIET scholarships • Nationally Certified Tutor • Student Member, ACM • Student Member, IEEE • KU Competitive Programming Club	
The French Culinary Institute	NEW YORK CITY, NEW YORK
Certificate of Culinary Arts	<i>June 2005</i>
Cumulative GPA: 3.8/4.0 • Classic French Cuisine • Hospitality management	

Relevant Coursework

Honors Digital Logic: Combinatorial & sequential circuit design • Boolean algebra & circuit minimization
• Numerical representation & coding • Fundamental VHDL

Programming I (JAVA): Fundamental object-oriented software development • Basic algorithms

Programming II (C++): Common data structures & applications • Pointers • Recursion • Memory management
• Introductory algorithms

Circuit Analysis I: Linear components • DC Analysis • AC Analysis • Transient Analysis • Fundamental PSPICE

Discrete Mathematics: Complexity Analysis • Proof Techniques • Combinatorics • Probability

Code, Awards, & Projects

www.github.com/SLongofono: All of the code prepared for my classwork is available for review in this repository. I have also included a selection of the more interesting Python scripts and pieces of the larger systems I have developed for the Raspberry Pi.

Awards & Notables: Undergraduate Achievement Award (Top three in my programming class) • Garmin Scholarship for Academic Achievement • NSCS Honors Society Member

Personal Projects: All-tube 5W guitar amplifier • OpenCV spatial targeting system • Amplifier with audio-responsive LED strips

Experience

AFRL & Wright Institute Discovery Lab	DAYTON, OHIO
Student Intern & Researcher	<i>Feb '15 – Sep '15</i>
Actively participated in open-ended research projects to further AFRL goals • Consistently garnered praise for my productivity, technical communication, & documentation • Balanced simultaneous projects in computer system design, 3D modeling, robotics, & networking	
Project Results: <i>Developed a plug-and-play DAQ for use with A/D sensors • Designed and led a computational electronics workshop for high school students • Developed a text-message controlled Raspberry Pi computer</i>	
AAAC Tutoring Services	UNIVERSITY OF KANSAS, LAWRENCE, KANSAS
Tutor: Pre-calculus Mathematics	<i>Aug '14 – Present</i>
Provide supplemental instruction to groups of four students • Consistently achieve highest performance evaluations • Achieved a national tutoring certification in addition to the required training	
Bosco's New Urban Cuisine	TOPEKA, KANSAS
General Manager & Chef	<i>Jun '11 – Sep '13</i>
Managed a staff of 15 • Reduced food costs by 10% • Planned & executed banquets for upward of eighty guests • Oversaw all tangible operations of the restaurant	

References, both professional and personal, are available by request.