

EDUCATION

University of Southern California, Los Angeles, CA	2015-2019
B.S. in Computer Science Cumulative GPA: 3.5	
Wauconda High School, Chicago, IL	
2011-2015 Cumulative GPA: 4.7 ACT: 35	

WORK EXPERIENCE

USC Institute for Creative Technologies: Research Developer	October 2016- Current
o Implemented natural language processing and trained a language model to provide live responses to questions	
o Prototyped and designed a desktop GUI to educate youth through interactive mentorship	
o Innovated with a 6-person team using an agile framework for performance optimization	
USC Leonard Davis School of Gerontology: Full Stack Web Developer	August 2016- October 2016
o Redesigned outdated code to improve functionality and user experience	
o Developed and maintained interactive websites using HTML, CSS, JavaScript, and Java	
iD Tech Camps: Lead Instructor	May 2016- August 2016
o Taught children ages 10-17 Python programming	
o Provided leadership to a team of instructors and organized events and activities for groups of 100+ kids	

TECHNICAL SKILLS

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- o Languages: C++, Java, Python, JavaScript (jQuery), HTML/CSS (Bootstrap), SQL
 - o Platforms: Windows, Mac OS, Linux
 - o Software: Git/GitHub, WordPress, FTP software, FFmpeg, SoX, InDesign, Photoshop/MAMP, various APIs
 - o IDEs: Eclipse, Sublime, EMACS, Dreamweaver, TextWrangler, PyCharm, MySQL Workbench
 - o Services: PC hardware and software support, web and graphic design, coding instruction

PROJECTS

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- o NLP/State Based Systems - Current
 - o Designed and trained a language model to respond to live user utterances
 - o State based interactive system to respond to questions with ranking-based mapped responses
 - o Analyzed large data sets of responses and accuracy modeling by user input
 - o Web Design (HTML, CSS, JavaScript, Java, SQL) – Spring 2017
 - o Developed a mock-investment website using Bootstrap and jQuery, Java, and SQL
 - o Collaborated with 4 developers to produce documentation, detailed design, and frameworks

EXTRACURRICULARS

LavaLab: Developer	January 2017- Current
o Developed a mobile iOS application to market as a daily journal and wellness log	
o Prototyped, developed, marketed, and presented the idea to business leaders	
SC Outfitters: Guide	August 2016- Current
o Responsible for planning and leading outdoor trips for USC students	
Engineers Without Borders: Membership Chair	August 2015- May 2016
o Managed recruitment and member relations and increased membership by over 30% in one year	