Caren Zeng

(510) 358-6011 | carenz2@illinois.edu
1012 W Illinois St, URH Wardall 623, Urbana IL 61801
Github: czeng07

Education

Class of 2019 **University of Illinois at Urbana Champaign** | Computer Science, College of Engineering | GPA: 3.71
- o CS 125 -- Introduction to Computer Science (Java Course) | Grade: A
- o CS 196 -- CS 125 Honors Section, project-based. Specialization: Data Science | Grade: A+
- o CS 173 – Discrete Structures | Proficient
- o CS 126 – Software Design Studio (Android Development) | Grade: A+
- o CS 199 – Applied Cloud Computing | Grade: A-
- o CS 225 – Data Structures (C++ Course) | Grade: A-

Sum. 2016 **De Anza Community College | Cupertino, CA**
- o CIS22A – Beginning Programming Methodologies in C++ | Grade: A

Skills

Languages: Python, Java, C++, R
Software: Microsoft Office Suite, R Studio, Photoshop, Illustrator
Tools and Packages: OpenCV, Data Visualization (Numpy, Pandas, Matplotlib), Hadoop, Spark, MongoDB, SQL, Git, Github

Experience

Mar. 2017 – *pre.* **Association for Computing Machinery | Secretary | Corporate Committee**
UIUC's main Computer Science student organization
- o Lead ACM's mentorship program, executive council meetings
- o Oversee ACM's corporate committee, reach out to companies to organize tech talks, sponsorship events

Jan. 2017 – *pre.* **CS 196 | Course Assistant | Lecture Curator | Project Manager**
Honors section for CS 125, the introductory CS course for CS freshmen
- o Serve on the Executive Course Leadership Team, oversaw course operations, developed weekly lectures
- o Provided mentorship and guidance for semester-long capstone project, web-application using SQL, PHP

Aug. 2016- Jan. 2017 **Pictomelody | Back End Developer**
Project for CS 196 – Web application that generated music from image based off pixel intensities, average colors, edges
- o Worked with OpenCV to use object recognition to detect shapes/objects present in an image
- o Created Django-backend and templated front-end with Jinja

2016- Jan. 2017 **The Golden Experiment | Project Manager**
STEM education 501c3 Non-profit, San Francisco Bay Area
- o Creating TheXperiment Network web-application for student-mentor interaction using Node.js, Express.js, React
- o Serve as webmaster for website, in charge of SEO

Jan. 2017 – *pre.* **Reflections | Projections 2017 | Director of Outreach**
The annual student-run tech conference at UIUC
- o Responsible for leading event's marketing and branding efforts to the school and external world

Sept. 2016 – *pre.* **HackIllinois 2017 | Outreach Summer Team**
The annual major hackathon at UIUC
- o Responsible for obtaining sponsorships from corporate and startup companies to sponsor event
- o Inviting mentors involved in Open Source to participate in event

Sum. 2016 **Google Code Corps | CS First, Bootcamp Instructor | North San Mateo County**
Google, Boys and Girls Club of America, and Americorps' computer science program for youth