Caren Zeng

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San Francisco Bay Area, Chicago Area
github: czeng07

Education

2016-2020 **University of Illinois at Urbana Champaign** | Computer Science, College of Engineering | Innovations Living-Learning Community Student Advisory Board Member
- CS 125 – Introduction to Computer Science (Java Course) | *In Progress*
- CS 196—CS 125 Honors Section, project-based. Specialization: Data Science | *In Progress*
- CS 225 – Data Structures | *Planned*

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

2012 - 2016 **Mission San Jose High School | Fremont, CA**
- High School Diploma UW GPA: 3.86/4.
- Graduated with High Honors and AP Scholar Commendations

Skills

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

Experience

Aug. 2016-*pre.* **Pictomelody | Team Member**
Project for CS 196 – generated music from image based off pixel intensities, average colors, edges detected
- Worked with OpenCV to use object recognition to detect shapes/objects present in an image
- Created Django-backend and templated front-end with Jinja

2016- *pre.* **The Golden Experiment | Chief of Technology and Financial Officer | San Francisco Bay Area**
STEM education 501c3 Non-profit
- Creating TheXperiment Network web-application for student-mentor interaction using Node.js, Express.js, React
- serve as webmaster for website, in charge of SEO

Sum. 2016 **Google Code Corps | Summer Cohort | North San Mateo County**
Google, Boys and Girls Club of America, and Americorps' computer science program for youth
- Taught students gr. 4-8 **Scratch and CS Core Curriculum** using Google's **CS First Curriculum**
- Taught week-long boot-camp with CS First Curriculum, other youth-friendly tech

Leadership and Involvement

Sept. 2016- *pre.* **HackIllinois 2017 | Outreach Staff Member**
The annual major hackathon at UIUC
- Responsible for obtaining sponsorships from corporate and startup companies to sponsor event
- Maintain event-sponsor relations

Sept. 2016- *pre.* **Society of Women Engineers | Recruitment Committee Diversity Chair**
UIUC's women's engineering society
- Plan events to recruit more diverse members into SWE

Aug. 2016 – *pre.* **SIGPwny | Member**
ACM Special Interest Group focused on cyber-security