

Jerilyn Zheng

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY

Expected: May 2022

B.S. Computer Science, Dean's List: all semesters

GPA: 3.867/4.0

Coursework includes: Entrepreneurship for Engineers, Computer Vision, Natural Language Processing, Machine Learning, Artificial Intelligence, Analysis of Algorithms, Discrete Mathematics, Operating Systems

Deerfield Academy, Deerfield, MA

Graduated: May 2019

Cum Laude, High Honors, National AP Scholar, History Department Commendation, ACT: 36/36

GPA: 93/100

EXPERIENCE

Intern, ServiceNow

Summer 2021

- Defined and scoped product features, researching engineering team and customer needs for data management
- Built real-time search, reporting, and analytics features to manage customer instances and data collection processes

Teaching Assistant, Cornell University

Fall 2020 + Spring 2021

- Intro to Computing Using Python: Conducted 70 minute laboratory sessions and held office hours for 800+ students

Intern, Cloud Services, ServiceNow

Summer 2020

- Automated anomaly mining in ServiceNow data center server cluster feeds
- Put into production and used in sixteen data centers spreading across five continents

Intern, Plus.ai

Summer 2019

- Researched market and product data for Consumer Electronics Show product demo planning of Silicon Valley-based startup
- Identified market sentiment and specific key needs for autonomous vehicles and self-driving trucks

PROJECTS

Image Semantic Data Research

Fall 2021

- Augmented deep learning models for image understanding with semantic features from knowledge base
- Utilized computer vision image analysis to learn more about knowledge representation and reasoning

Onomatic

Summer + Fall 2021

- Defining and building educational social tool to teach languages to children with learning disabilities
- Digital language-learning specifically tailored to speech and vocalizing, with a proposed non-profit future

Artist Recommender ([site](#))

Spring 2021

- Product manager + backend developer of team: led group through design process, prototyping, feedback, and final deliverables
- Built natural language processing and machine learning-based recommendation engine to introduce music to users

HONORS AND ACTIVITIES

- **Varsity Coxswain, Deerfield Academy Crew**: 1st boat coxswain, national championship appearances for 3 years
 - Top coxswain for three years, worked alongside coach to plan and lead team through practices and race management
 - 1st place, 2018 USRowing Club National Championship
 - 5th place, 2018 USRowing Youth National Championship
 - 1st place, 2017 New England Rowing Championship
- **Corporate Liaison, Society of Women Engineers**: meet with company representatives and organize seminars for students at Cornell
- **WE LEAD**: one of twenty students out of 300+ applicants for Cornell women in technology leadership program
- **Managing Editor**, Deerfield Academy Science Journal: supervised 50 students to publish every semester
- **Academic Honor Committee**: personally selected by the academic dean as one of 10 students to lead and vote in academic hearings

LANGUAGES AND SKILLS

Chinese, Spanish, Python, Java, C++, Data Science Tools (Numpy, Pandas, Matplotlib)