

Sarah Di

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA Aug 2019 - May 2023
B.S. in Computer Science and Arts (1 of 9 admitted) GPA: 3.70/4.00
Courses: Theoretical Computer Science, Parallel and Sequential Data Structures, Algorithms, Natural Language Processing, Machine Learning, Computer Vision, Drawing with Machines

TECHNICAL STRENGTHS

Computer Languages C, Python, Java, L^AT_EX, HTML, CSS, Git, Vim
Software & Tools Adobe CC, Rhino, Autodesk Inventor, Unity, Blender, Figma, Xcode
Languages English (Fluent), Spanish (Advanced), Mandarin Chinese (Limited)

WORK EXPERIENCE

Eyebeam, New York City, NY Oct 2021 - Jan 2022
Programs Manager Intern

- Led event logistics for Fractal Fellowship, organizing 10 public and private events with 40+ attendees
- Conducted research in machine-learned video transcripts and documented notes for executive team

Soot Inc., New York City, NY May 2021 - Aug 2021
Machine Learning Engineering Intern

- Trained a novel transfer learning Tensorflow model to learn multimodal embeddings (e.g. audio, visual)
- Committed 300+ lines of code, presented research to CTO, and published findings in Arxiv pre-print

Independent Video Game Developer, Pittsburgh, PA Oct 2020 - present
Solo Lead Developer

- Self-taught, designed, and developed 2 video games with Twine and RenPy (Python engine) for friends

McLearn Lab, Pittsburgh, PA May 2020 - Present
Undergraduate Research Assistant *under Prof. Bruce McLaren, Dr. Elizabeth Richey*

- Researched and designed user interface for NSF-funded mathematics learning video game
- Troubleshooted interface for erroneous examples, improving edge case performance by 50%

Carnegie Mellon University, Pittsburgh, PA Aug 2020 - May 2021
85-211 Cognitive Psychology Teaching Assistant *taught by Prof. Bonnie Nozari*

- Advised students, graded homework, quizzes, and exams for 150+ students on a weekly basis

ACTIVITIES

AthenaHacks, Los Angeles, CA, Hacker^{1,2}, Winner² ¹Mar 7-8, 2020, ²Mar 6-7, 2021
FemmeHacks, Virtual, Hacker (web app full stack engineer and designer) Feb 5-6, 2021
TreeHacks, Virtual, Hacker (chrome extension lead engineer and designer) Feb 13-14, 2021

ACHIEVEMENTS

Reboot Fellow Feb, 2022 - Present
Asian American Film Lab 72 hour Shootout Aug 11, 2021

- Best Editor, Outstanding Female Content Creator

Certificate of Arts Grade Examination of China May 6, 2019

- Level 10 in Guzheng from China Conservatory of Music