Jenny Han

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Stanford University (Stanford, CA)   2015 – 2019, 2019 – 2021

B.S. in Symbolic Systems | Pursuing M.S. in Computer Science (Human-Computer Interaction)

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Experiences [in research, tech, education]

Fulbright Scholar —Peking University (Beijing, China) [research]   2/2020 – 12/2020
- Selected as one of 50 American students to receive a 10-month fellowship to China, for the purpose of conducting research and engaging in cultural and educational exchange
- Evaluating the design/implementation of education technologies in rural China

Teaching Intern — ISF Academy (Hong Kong) [educ, tech, research]   8/2019 - 1/2020
- Developing and implementing computer science curriculum and tools grounded in constructionist pedagogy
- Researching computer science pedagogy with Fablearn, a Columbia Teachers College research group

Makery Mentor— Stanford Graduate School of Education (Stanford, CA) [educ]   .
- TA for CS 402L, a makerspace-based introduction to learning technologies design   1/2019 - 6/2019
- Supported GSE students with laser cutting, 3D printing, vinyl cutting, arduino, design software, etc. during the makerspace's inaugural year

Research Assistant — Human-Computer Interaction Group (Stanford, CA) [research]   1/2019 - 6/2019
- Contributed to needfinding, prototyping, and user testing of a computational thinking interface for K-2 learners (PhD student: Griffin Dietz)
- Gained familiarity with design thinking process, NVivo [qualitative coding software], user studies

Software Development Intern — Youth Global Network (Hong Kong) [tech, educ]   6/2018 – 8/2018
- Implemented front-end features of youCodia, an online coding platform that is designed to teach computational literacy in under-resourced urban schools
- Spearheaded redesign of curriculum and teaching materials (in use at multiple schools in Hong Kong)

Research Intern — Human-Computer Interaction Group (Stanford, CA) [tech, research]   6/2017 – 2/2018
- Received a CURIS grant (Undergraduate Research Internship in Computer Science) to design and study sociotechnical systems that empower online gig workers (PhD student: Ali Alkhatib)
- Conducted user research with 100+ gig workers on the Amazon Mechanical Turk platform
- Developed a web-scraping chrome extension from scratch to launch using HTML/CSS, NodeJS, SQL

Co-Director — Stanford Alternative Spring Breaks (Stanford, CA) [educ]   6/2018 – 6/2019
- Oversaw logistics for 15 student-led service-learning trips (158 participants total) and co-led the leadership team (36 students) for one of the largest public service programs at Stanford

Workshops Coordinator — Future Advancers of Science and Technology (San Jose, CA) [educ]   8/2017 – 6/2019
- Developed monthly workshops related to college prep skills for 100+ high schoolers at Andrew Hill High

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Skills and Notables

Technical Skills: Web Dev (JS/CSS/HTML, ReactJS), Python, UI Design (Inkscape, Sketch), Makerspace tools
Language Skills: Spanish (conversational), Mandarin Chinese (fluent)
Published Projects:
- "After School STEM in the San Francisco Bay Area – Needs and Opportunities," an internal landscape study for the STEM Next Opportunity Fund [lead consultant: Bernadette Chi]
- "domino: mobile phones as accessible microcontrollers" at Interaction Design & Children Conference 2018

Highlights:
- Class of 2019 Stanford Award of Excellence
- Best Poster at the Stanford Design Thinking for User Experience Project Expo 2017 for the app *activated*, an interactive roadmap to college for first-gen, low-income high schoolers.
- Google igniteCS grantee; used funds to co-lead six CS workshops at public library in East San Jose