

## Yingli Sieh

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### Education

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**Carnegie Mellon University**, Pittsburgh, PA

May 2019

B.S. Cognitive Science and Human Computer Interaction, 3.63/4.0 GPA

**Honors:** Quantitative Social Science Scholar; Dean's List Fall 2015; Dean's List with Honors Spring 2016, Spring 2017, and Fall 2017; Rho Lambda Honor Society; Order of Omega Honor Society

**Relevant Coursework:** Fundamentals of Imperative Programming, Human Information Processing, Communication Design Fundamentals, Programming Usable Interfaces, Computing for Crowd and Cloud

### Experience

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**Carnegie Mellon Residential Education**, Pittsburgh, PA

Resident Assistant in Mudge House and Roselawn Terrace

Aug 2016 - Present

- Directly mentored 24 first-year residents and 64 upperclassmen within house communities of 150-300 students. Directly advised Quantitative Social Science (QSSS) first-year students living in Mudge.
- Implemented floor, house-wide, and focus-area related programming, specifically wellness and mental health initiatives, directing of House Council meetings, and additional programming for QSSS students.

**Cognitive Neuroscience Lab, Carnegie Mellon University** Pittsburgh, PA

Research Assistant

Aug 2016 – Present

- Design neuropsychological experiments using MATLAB and BioSemi EEG techniques to analyze the simultaneous processing of categorically distinct stimuli, and analyzed EEG and behavioral data.
- Ran EEG and behavioral participants, collected ~40 participant's data and user performance on task.

**Folia Water**, Pittsburgh, PA

Microbiology Lab Associate

Aug 2016 – Dec 2016

- Lead scientist in the Folia Water lab, developed lab procedures and protocol, maintained daily reports.
- Studied the longevity and performance of Folia Filters by running microbiological tests using nonpathogenic cultures of E. coli. Analysed the bacterial growth of effluent water after testing.

### Activities

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**Carnegie Mellon UNICEF**

President

Aug 2016 - May 2017

- Delegate and manage UNICEF missions to committees for on-campus and off-campus activities, including education activities like "Trick-or-Treat for UNICEF" at primary schools, fundraising via the annual Believe in Zero 5K Run, and awareness-focused events like Open Mic Nights on our campus.

**Delta Delta Delta, Alpha Tau Chapter**

Past Treasurer, Diversity and Inclusion Task Force Delegate

Aug 2015 - Current

- Managed a budget of over \$10,000 by providing reimbursements to members and payment to vendors.
- Selected to be one of two undergraduate representatives for Delta Delta Delta's national task force, tackling barriers to membership, financial demand on members, and gender inclusivity in sorority life.

**Educational Technology Club**

President, past Vice President of Public Relations

Aug 2016 – May 2017

- Communicate with industry members to coordinate research experiences for members and conference calls to discuss the field of EdTech. Organized visits to local companies to encourage local school work.
- Organized a hackathon on CMU campus for 40+ students, tackling the field of EdTech and its future.

### Skills

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Programming: Python, C, HTML5, CSS, JavaScript (jQuery and Bootstrap), Java

Design and Prototyping: InDesign, Illustrator, Photoshop, InVision, Balsamiq

Statistics: MATLAB, SPSS, Qualtrics

Other: EEG BioSemi, Mandarin