

JANE HSIEH

469-450-7176 ◇ jane.hsieh@oberlin.edu
janeon.github.io ◇ linkedin.com/in/jane-hsieh

EDUCATION

| | |
|---|--------------------------|
| Carnegie Mellon University PhD in Software Engineering (in progress) | August 2020 - Present |
| Oberlin College Bachelor of Arts in Computer Science and Mathematics | August 2016 - May 2020 |
| With a Concentration in Cognitive Science | (Major) GPA: (3.77) 3.71 |

EXPERIENCES

| | |
|---|--------------------|
| Support Portal at IBM | <i>Summer 2020</i> |
| <i>Software Engineer Intern on IBM's CIO Toolbox Team</i> | Raleigh, NC |
| Conducted user research with administrators to reveal internal productivity painpoints and devise solutions | |
| Developed drivers in Slack and Github to provide self-service features that normally require admin privileges | |

| | |
|---|--------------------|
| Interactive Terminal Application for IBM's Multicloud Manager | <i>Summer 2019</i> |
| <i>Extreme Blue Technical Intern, managed by Ross Grady</i> | Raleigh, NC |
| Conducted user research and developed vi-based tool for multicloud applications using Python's curses library | |
| Co-created the multicloud-incident-response-navigator project, open-sourced on IBM's public cloud | |

| | |
|---|-------------------------|
| UNAKITE Chrome Extension | <i>Summer 2018-2019</i> |
| <i>REUSE Program at Carnegie Mellon University, advised by Brad Myers & Aniket Kittur</i> | Pittsburgh, PA |
| Conducted user studies at the HCI institute, designed and implemented interface improvements using <u>React</u> | |
| Published and presented findings at 2018 <i>VL/HCC</i> and continued research through remote collaboration | |

| | |
|--|--------------------|
| Characterizing and Separating Magnetic Nanoparticles | <i>2016 - 2018</i> |
| <i>STRONG Pre-First-Year Program, advised by Yumi Ijiri</i> | Oberlin, OH |
| Assisted in making design improvements for a nanoparticle separation channel after testing with a prototype | |
| Used <u>Jupyter Notebook</u> to fit polarization-analyzed small-angle neutron-scattering data from 16 conditions | |
| Analyzed and presented findings on behavior and interactions of manganese ferrite nanoparticles | |

Technical languages: Python, React & AngularJS, LaTeX, Git, Java, C++, CSS/HTML, Bash, Shell, Swift

VOLUNTEERING

| | |
|---|--------------------|
| Web Development for Digital Yearbook | <i>Summer 2020</i> |
| Designed and implemented visual layout to the digital yearbook using Omeka Classic, CSS, HTML and PHP | |

| | |
|---|----------------------------|
| Computer Science Majors Committee Member | <i>Fall 2018 - current</i> |
| Organized department activities, updated committee websites, held weekly office hours | |

ACTIVITIES & AWARDS

| | |
|--|--------------------|
| IBM North America 2020 Intern Hackathon | <i>Summer 2020</i> |
|--|--------------------|

| | |
|---|------------------------------|
| Teaching Assistant (office hour holder, grader, lab helper, dedicated tutor) | <i>Spring 2017 - current</i> |
|---|------------------------------|

| | |
|--|--------------------|
| Uncovering Covid Course Workshop Leader | <i>Spring 2020</i> |
|--|--------------------|

| | |
|--|-------|
| 2020 Annual R.J. Thomas Award for an Outstanding Computer Science Student | \$500 |
|--|-------|

| | |
|---|--------------------------------|
| SOAR (Sophomore Opportunities & Academic Resources) Leader | <i>Fall 2019 - Spring 2020</i> |
|---|--------------------------------|

| | |
|---|--------------------------------|
| Clare Boothe Luce Scholarship at Oberlin College | <i>Fall 2018 - Spring 2019</i> |
|---|--------------------------------|

| | |
|---|------------------|
| Honorary Mention 2017 in ACM ICPC East Central NA Regional Contest | <i>Fall 2017</i> |
|---|------------------|

| | |
|---------------------------------|------------------|
| PennApps XVIII Hackathon | <i>Fall 2018</i> |
|---------------------------------|------------------|