

# Chih-Wei Hsu

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## PROFESSIONAL EXPERIENCES

- 
- Sr. Associate, Community Research and Innovation**, Inclusive Action for the City, Los Angeles, CA (2022 – 2025)
- Conducted policy research on financial system, street vending, and immigrants & informal workers' rights
  - Directed participatory action research on workers' justice and community ownership of real estate
  - Guided technical tool development for multi-stakeholder implementation projects like the LA County Land Bank
  - Developed, drafted, and curated content for [community ownership and stewardship online resource hub](#)
- Geospatial and Data Visualization Analyst**, Othering and Belonging Institute, Berkeley, CA (2021 – 2022)
- Led a research team to analyze the impacts of restrictive residential zoning in California
  - Developed and carried out research protocol to compile & standardize zoning code across municipalities
  - Updated and created [visualizations for national racial segregation](#) analysis with 2020 Census data
- Associate Researcher**, International Council on Clean Transportation, San Francisco, CA (2020 – 2021)
- Spearheaded the incorporation of racial equity into electric mobility studies at the organization
  - Led and collaborated with state and city officials on electric vehicle charging infrastructure planning
  - Advised cities' climate and transportation planning as a member of technical advisory groups
- Research Assistant**, Schatz Energy Research Center, Arcata, CA (2018 – 2020)
- Analyzed large datasets and effectively communicated results to support international energy access policy
  - Reviewed, synthesized, and drafted reports and memos to partner organizations and government agencies
  - Developed an electric bus charging infrastructure optimization model for local transit agencies

## EDUCATION

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| <b>Master of Science in Environmental Systems</b><br>Energy, Technology, and Policy Program<br>Humboldt State University (2019 with distinction) | <b>Bachelor of Science in Biological Science</b><br>Minor in Kinesiology<br>California State University Fullerton (2016 Cum Laude) |
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## SKILLS

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| <ul style="list-style-type: none"><li>Technical &amp; narrative writing</li><li>Public speaking</li><li>Project management</li><li>Team management &amp; collaboration</li><li>Stakeholder engagement</li></ul> | <ul style="list-style-type: none"><li>Policy review, research, synthesis &amp; analysis</li><li>Survey design &amp; implementation</li><li>Data science (collection, analysis, visualization)</li><li>R, Shiny, ArcMap, QGIS, PostgreSQL, Adobe CS</li><li>Geospatial analysis, modeling, interactive mapping</li><li>Squarespace, WordPress</li></ul> |
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## OTHER EXPERIENCES

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- Founder**, Los Angeles Tool Library, Los Angeles, CA (2025 – current)
- Volunteer**, Los Angeles Chinatown Community Land Trust, Chinatown, Los Angeles, CA (2022 – current)
- Volunteer Bike Mechanic**, Bike Oven, Cypress Park, Los Angeles, CA (2022 – 2024)
- Graduate Student Director**, Sponsored Programs Foundation Board of Directors, Arcata, CA (2018 – 2019)
- Committee Member**, Humboldt Energy Independence Fund Committee, Arcata, CA (2017 – 2019)

## AWARDS, HONORS, CERTIFICATES & PUBLICATIONS

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| Next City Vanguard 2024 Cohort, gathering of rising urban leaders  | 2024 |
| Urban Land Institute Los Angeles REACH Fellowship  | 2024 |
| <a href="#">"Under the Palms: Unearthing the Experiences of Los Angeles Landscapers"</a> – IAC                               | 2023 |
| Placemaking: Making it Happen Certificate of Completion – Project for Public Spaces  | 2022 |
| <a href="#">"Exclusionary Zoning and Community Resources in Greater Los Angeles"</a> – OBI                                   | 2022 |
| <a href="#">"Single-Family Zoning in Greater Los Angeles"</a> – OBI  | 2022 |
| <a href="#">"Electric ride-hailing charging infrastructure: Needs assessment and equitable siting in Houston"</a> – ICCT     | 2021 |
| <a href="#">"Public electric vehicle charger access disparities across race and income in California"</a> – Transport Policy | 2021 |
| <a href="#">"City charging infrastructure needs to reach electric vehicle goals: The case of Seattle"</a> – ICCT             | 2021 |