

# Allisa G. Hastie

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## Education

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### University of Illinois at Urbana-Champaign

Expected graduation: May 2020

- B.S. Civil and Environmental Engineering
  - Primary Field: Water Resources Engineering and Science
  - Secondary Field: Energy-Water-Environment Sustainability
- Minor in Environmental Economics and Law

GPA: 3.34/4.00

## Honors and Skills

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- Society of Women Engineers Community Service Committee Member of the Year 2018
- Office of Undergraduate Research Conference Travel Grant Recipient 2018
- Future Farmers of America Prepared Public Speaking California State Champion 2016
- Future Farmers of America Natural Resource Management California State Champion Team 2016
- Experienced in R programming, Python, and Autodesk Revit

## Work Experience

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### Stillwell Research Group

2017 – Present

#### *Undergraduate Research Assistant*

- Compiled and analyzed national water rate data
- Assessed the economic equity of midwestern urban drinking water rates
- Evaluated factors that determine residential water demand in the urban environment
- Utilized meter-level data from medium sized midwestern city to develop city-wide water balance
- Employed data-science techniques using R programming to improve the reliability of collected data
- Developed methodology to integrate urban water and energy data to analyze system efficiency

## Conferences and Presentations

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- World Environmental Water Resources Conference Oral Presentation 2018
- WE18- Society of Women Engineers National Conference Attendee 2018
- Delivered oral presentation at the 2018 Undergraduate Research Symposium
- Presented oral presentation at 2017 Undergraduate Researcher's Initiative Symposium

## Activities and Service

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### Society of Women Engineers

2016 – Present

- Performed duties as Eco Chair of Community Service Committee
- Organized service events focused on environmental protection and conservation within the Society of Women Engineers
- Collaborated with other environmental student organizations to promote conservation and recycling initiatives
- Served as Diversity Chair of the Recruitment Committee
- Hosted events to promote diverse cultural interactions between members

### Illinois Undergraduate Research Ambassador

2018 – Present

- Promoted undergraduate research through peer mentoring
- Served as a liaison between students and the Office of Undergraduate Research
- Hosted and attended workshops relating to research funding, proposal writing, and getting started in research