

# Hannah Skye Smith

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## Professional Statement

Soon-to-be graduate passionate about places that support human wellbeing. Enthusiastic about data-driven improvements to urban systems and the built environment. Strong advocate for equitable-use accessibility and multi-modal transportation.

## Education

**University of Utah College of Architecture and Planning**  
**Bachelor's of Science in Urban Ecology**

Jan 2021-Aug 2024

**Relevant Coursework:** Urban Design Fundamentals (Graduate Level), Geographic Information Systems, Ecological Design Workshop, Visual & Oral Communication, Calculus I-III, Differential Equations, Linear Algebra, Numerical Methods, Intro to Design Systems, Urban Environmental Geography

**Activities and Achievements:** Vice President of Society of Women Engineers, City and Metropolitan Planning Student Advisory Council, LGBT+ Resource Center Emerging Student Leadership Program, University of Utah Urbanists

## Work Experience

**Agricultural Work Exchange**

Jun 2023-Aug 2023

The Redlock Farm, Zeeland, Netherlands

- Created greenhouse and vegetable plot plans using companion planting techniques to promote natural pest control and soil health
- Designed and constructed greenhouse interior for optimal planting area, ergonomic circulation, and sustainable drip-irrigation system

**Supervisor, Guest Experience**

Nov 2022-Sep 2023

Tracy Aviary, Urban Botanical Garden with over 300 birds & Conservation Non-Profit

- Delegated staff of 20 employees
- Trained all new employees in customer service skills and quality coffee beverages
- Coordinated efficient staff workflow

**Resident Advisor, Student Leader Council Director, Resident Relations & Advocacy Board Director**

Aug 2021-Dec 2023

Housing and Residential Education at University of Utah

- Elected as Student Leader Council Director to represent over 150 student staff
- Oversaw residential programming budget of over \$50,000
- Planned and executed community events for up to 2,000 on-campus residents
- 2022 Diversity Program Award Recipient for Queer Pride Market
- 2023 Housing Student Leader of the Year Award Recipient

**Research Fellow, Advanced Manufacturing for Sustainable Energy Futures**

May 2022-Aug 2022

Idaho National Laboratory Center for Advanced Energy Studies

- Collaborated with Materials Theory and Modelling Group on computational materials to simulate materials interactions alongside a cohort of 10 undergraduate researchers

**Swami International Property Management**

Nov 2018- Jan 2020

Clerical Assistant

- Managed leasing, maintenance, and residential documents for portfolio of over 1,700 residential units

## Achievements

**Co-Founder, Bike Commuter Resource Center at Idaho National Laboratory**

Jul 2022

- Co-founded winning initiative for 2022 Idaho National Laboratory Net Zero Challenge to improve and support safe bicycle commuting for over 5,700 employees

**National Science Foundation Engineering Education & Centers Conference**

Sep 2022

- Selected from thousands of nominees as one of ten presenting undergraduate researchers

## Skills

### Software & Technical

Adobe Creative  
ArcGIS  
AutoCad  
Exploratory  
Linux  
Microsoft Office Suite  
Matlab  
OpenStreetMaps  
Python

### Interpersonal

Community outreach  
Conflict mediation  
Teamwork  
Delegation

### Research

Literature review  
Technical writing  
Data visualization  
Data analysis  
Public presentation

## Personal Interests

Urban agriculture  
Food justice  
Literature  
Coffee  
Cooking  
Travel