

# RESUME(CV)

## Jaeseok Hwang

### University of Illinois at Urbana-Champaign (UIUC)

Department of Agricultural and Consumer Economics (STEM-Designated)  
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## Education

- **University of Illinois at Urbana-Champaign**  
Candidate for Ph.D. in Agricultural and Applied Economics (STEM-Designated)  
*Aug 2020 - May 2025 (Expected)*
- **University of Illinois at Urbana-Champaign**  
M.A. in Agricultural and Applied Economics (STEM-Designated)  
*Aug 2018 - May 2020*
- **Sogang University (South Korea)**  
B.S. in Economics  
*Aug 2013*

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## Experience

### Research Assistant

- **Statistical Analyses of Field Trials (Advanced Ag Alliance, NY)**  
*Jan 2019 - Dec 2019*

- **Data Intensive Farm Management (USDA's NRCS)**  
*Sep 2020 - Present*

## Graduate Research

- **Center for the Economics of Sustainability (CEOS)**  
*Jan 2021 – Present*  
[Link to the webpage](#)

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## Publications

- **David S. Bullock, Taro Mieno, and Jaeseok Hwang (2020)**  
The value of conducting on-farm field trials using precision agriculture technology: a theory and simulations. *Precision Agriculture*, 21, 1027-1044.  
[Link to the published paper](#)

## Work in Progress

- **Value of Multiple Field Experiments Data as a Positive Externality**  
(with D. Bullock and T. Mieno)
- **Evaluating the Profitability of Corn Seeding Decisions: Insights from On-Farm Precision Experiments Data**  
(with D. Bullock and T. Mieno)
- **Informing Site-Specific Input Management for Maize in KwaZulu Natal, South Africa, Using On-farm Experimentation and Statistical Techniques**  
(with M. Delport, D. Bullock, and T. Mieno)
- **Do the shape of yield distribution vary by nitrogen rate and climate conditions? Cross-validate the distribution with higher moment-based approach**  
(with D. Bullock and T. Mieno)

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## Presentations

- **5th Symposium on Agri-Tech Economics and Sustainable Futures**  
Harper Adams University, UK, Sep 18-19, 2022
- **NC1210: Frontiers in Multistate and CIGOFT Project**  
University of Texas Corpus Christi, TX, USA, Jan 5-6, 2023
- **6th Symposium on Agri-Tech Economics for Sustainable Futures**  
Harper Adams University, UK, Sep 18-19, 2023
- **International Conference for On-farm Precision Experimentation**  
Brownsville South Padre Island, TX, USA, Jan 8-11, 2024

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## Skills

- **Data Analysis**
- **Data Visualization**
- **ESRI ArcGIS Spatial Analyst**
- **Econometrics**
- **Software:** R (professional), Python (proficient), SQL, STATA, LaTeX
- **Languages:** English (Proficient), Korean (Native)