

# Evan M. Matthews

+1 (309) 256-9709 | [evanmm3@illinois.edu](mailto:evanmm3@illinois.edu)

 [ematth](#) |  [ematth](#) |  [ematth.dev](#)

Champaign, Illinois - 61820, USA


## RESEARCH INTERESTS

Seeking a challenging position in [your field] to leverage my expertise in [your key skills]. Aiming to contribute to innovative projects at the intersection of [your interests] and practical problem-solving in fields such as [specific areas of interest].

## EDUCATION

- University of Illinois Urbana-Champaign** August 2023 - (Graduating May 2025)  
*MS in Computer Science* Urbana, IL
  - Area: Artificial Intelligence
  - GPA: 3.33/4.00
  - Thesis: *Audio Generation Improvement through Text Prompt Recaptioning*  
Description of thesis here!
  - Advisor: Prof. Paris Smaragdis
  - Selected Courses: Machine Learning for Computer Vision, Machine Learning for Signal Processing, Data Mining, Numerical Analysis, Topics in Computer Education
- University of Illinois Urbana-Champaign** August 2019 - May 2023  
*BS in Computer Science + Music* Urbana, IL
  - GPA: 3.76/4.00
  - Capstone Advisor: Prof. Zuofu Cheng
  - Selected Courses: Artificial Intelligence, Database Systems, Algorithms & Models of Computation, Systems Architecture, Data Structures, Computation and Music, Electroacoustic Techniques
- Metamora Township High School** May 2019  
*High School Diploma* Metamora, IL
  - High Honors, National Honor Society
  - GPA: 3.93/4.00

## PROFESSIONAL EXPERIENCE

- Company A**  Month Year - Month Year  
*Job Title A* City, Country
  - Developed [specific achievement] achieving [specific metric] in [specific area]
  - Implemented [technology/method], enhancing [specific aspect] by [specific percentage]
  - Conducted analysis on [specific data], identifying [key findings]
  - Presented findings at [specific event], receiving [specific recognition]

## UNIVERSITY APPOINTMENTS

- University of Illinois Urbana-Champaign** Urbana, IL  
*Teaching Assistant*
  - CS 545 Machine Learning for Signal Processing - Prof. Minje Kim (Fall 2024)
  - CS 448 Audio Computing Laboratory - Prof. Paris Smaragdis (Spring 2024)
  - CS 340 Introduction to Computer Systems - Prof. G. Carl Evans (Fall 2023)
  - ECE 402 Electronic Music Synthesis
    - Prof. Zuofu Cheng (Fall 2022)
    - Prof. Lippold Haken (Spring 2022)

OTHER TEACHING EXPERIENCE

<div><div>Public Math Tutor</div><div>Illinois Tutoring Initiative</div></div>	<div>June 2023 - May 2024</div> <div>Normal, IL</div>
<div><div>Undergraduate Mentor</div><div>ACM @ UIUC</div></div>	<div>July 2024 - Present</div> <div>Urbana, IL</div>
<div><div>Session Lecturer</div><div>CS SAIL, UIUC</div></div>	<div>October 2022 - March 2023</div> <div>Urbana, IL</div>
<div><div>Undergraduate Mentor</div><div>Women in Computer Science, UIUC</div></div>	<div>June 2022 - December 2022</div> <div>Urbana, IL</div>
<div><div>Private Math Tutor</div><div>Metamora Township High School</div></div>	<div>2018 - 2019</div> <div>Metamora, IL</div>

PROJECTS

<div><div>Project A: [Brief Description]</div><div>Tools: [List of tools and technologies used]</div><div><div>Developed [specific feature/system] for [specific purpose]</div><div>Implemented [specific technology] for [specific goal], achieving [specific result]</div><div>Created [specific component], ensuring [specific benefit]</div><div>Applied [specific method] to analyze [specific aspect]</div></div></div>	<div>Month Year - Month Year</div> <div></div>
<div><div>Project B: [Brief Description]</div><div>Tools: [List of tools and technologies used]</div><div><div>Developed [specific model/system], achieving [specific metric]</div><div>Implemented [specific feature], processing [specific volume] of data</div><div>Created [specific visualization] for [specific purpose]</div><div>Developed [specific component] for easy integration with [specific system]</div></div></div>	<div>Month Year</div> <div></div>

PATENTS AND PUBLICATIONS

C=CONFERENCE, J=JOURNAL, P=PATENT, S=IN SUBMISSION, T=THESIS

[T.1]	Evan Matthews. (ongoing). "Audio Generation Improvement through Text Prompt Recaptioning".
[S.1]	Yuxuan Chen, Victor Zhao, Evan Matthews, Craig Zilles, Matthew West (2024). "Bayesian Grading: Analysis of Scores in the Context of Cheating".

SKILLS

- Programming Languages: Language 1, Language 2, Language 3, Language 4, Language 5
- Web Technologies: Technology 1, Technology 2, Technology 3, Technology 4, Technology 5
- Database Systems: Database 1, Database 2, Database 3
- Data Science & Machine Learning: Tool 1, Tool 2, Tool 3, Tool 4, Tool 5, Tool 6
- Cloud Technologies: Cloud Platform 1, Cloud Platform 2, Cloud Platform 3
- DevOps & Version Control: Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- Specialized Area: Skill 1, Skill 2, Skill 3, Skill 4
- Mathematical & Statistical Tools: Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- Other Tools & Technologies: Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- Research Skills: Skill 1, Skill 2, Skill 3, Skill 4, Skill 5, Skill 6

HONORS AND AWARDS

<div><div>James Scholars Program</div><div>UIUC College of Fine and Applied Arts</div></div>	<div>May 2023</div> <div></div>
<div><div>University Dean's List</div><div>University of Illinois Urbana-Champaign</div></div>	<div>Fall 2019, Spring 2020, Spring 2021</div> <div></div>
<div><div>Second Place, Keyboard Solo</div><div>ILMEA Composition Contest, Illinois Music Education Association</div><div>"Well-Mannered Cakewalk"</div></div>	<div>January 2019</div> <div></div>
<div><div>Second Place, Keyboard Solo</div><div>ILMEA Composition Contest, Illinois Music Education Association</div><div>"Crossing Dreams"</div></div>	<div>January 2018</div> <div></div>

LEADERSHIP EXPERIENCE


- **Co-Chair, SIGMusic**  
ACM @ UIUC
  - **Treasurer**  
ACM @ UIUC
  - **Co-Chair, Social Committee**  
ACM @ UIUC
  - **Board Member, Student Advisory Board**  
UIUC School of Music


August 2023 - Present


May 2022 - May 2023

August 2021 - May 2022

August 2021 - May 2023







PROFESSIONAL MEMBERSHIPS

- **Association for Computing Machinery**, Membership ID: 4979881
  - **University of Illinois Alumni Association**, [Membership ID: XXXXXXXX](#)
- September 2023 - Present

June 2023 - Present

ADDITIONAL INFORMATION

**Languages:** English (Native), Spanish (Intermediate), Mandarin (Elementary)  
**Interests:** Interest 1, Interest 2, Interest 3, Interest 4

REFERENCES

1. **Paris Smaragdis**  
Job Title, Department  
Organization/Institution Name  
Email: email1@example.com  
Phone: +X-XXX-XXX-XXXX  
Relationship: Thesis Advisor, TA Professor

2. **Lippold Haken**  
Job Title, Department  
Organization/Institution Name  
Email: email2@example.com  
Phone: +X-XXX-XXX-XXXX  
Relationship: TA Professor, Internship Manager

3. **Minje Kim**  
Job Title, Department  
Organization/Institution Name  
Email: email3@example.com  
Phone: +X-XXX-XXX-XXXX  
Relationship: Research Mentor, TA Professor