

Kaitlyn Haase

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EDUCATION

University of Maine, School of Computing and Information Science <i>Ph.D. candidate, Human Computer Interaction and STEM Education</i>	<i>Orono, ME</i> Aug. 2018 - present
University of Maine, School of Computing and Information Science <i>M.S. in Spatial Information Science and Engineering</i> <ul style="list-style-type: none">▪ Graduate Trustee Tuition Scholarship recipient▪ NCGIA MIF Research Scholarship recipient▪ Honor Society of Phi Kappa Phi inductee	<i>Orono, ME</i> Aug. 2016 - Aug. 2018
University of Maine at Farmington <i>B.S. in Mathematics and Secondary Education (Double-Major)</i>	<i>Farmington, ME</i> May 2013

UX RESEARCH EXPERIENCE

KinoTek LLC <i>Research & Development Consultant</i> <ul style="list-style-type: none">- Designed efficacy studies and usability tests for product evaluation- Assisted in grant writing to secure company start-up funds	<i>Bangor, ME</i> Sept. 2018 – present
Virtual Environment & Multimodal Interaction Laboratory <i>User Experience Researcher</i> <ul style="list-style-type: none">- Designed and conducted human-subject experiments (e.g., usability tests and human cognition and perception studies) using a variety of technologies and methodologies- Performed quantitative and qualitative data analysis using SPSS and Excel- Mentored and collaborated with other researchers and developers	<i>Orono, ME</i> June 2017 – present
University of Maine, School of Computing and Information Science <i>Graduate Teaching Assistant – Introduction to Human Computer Interaction</i> <ul style="list-style-type: none">- Assisted in developing course content, managed a WordPress website, and facilitated class discussion- Helped students approach design processes with an HCI mindset (user-centric)	<i>Orono, ME</i> Spring 2018 & 2019

ADDITIONAL EXPERIENCE

ACM-W University of Maine Chapter <i>President (2018-present), Vice President (2017-2018)</i> <ul style="list-style-type: none">- Recruited members and facilitated workshops for women of all ages- Raised funds for 3 student sponsorships to the 2018 Grace Hopper Celebration- Made networking connections with community members, companies, other tech groups for women	<i>Orono, ME</i> Sept 2016 – present
Spatial Knowledge and Artificial Intelligence Laboratory <i>Graduate Research Assistant</i> <ul style="list-style-type: none">- Worked on the preliminary development of a qualitative spatial address ontology- Researched existing ontologies and methods for formal information representation	<i>Orono, ME</i> June 2017 – Aug. 2017
GAC Chemical Corporation <i>Quality Assurance Lab Technician</i> <ul style="list-style-type: none">- Conducted product specification testing, sometimes on a tight schedule (Product needed to leave the plant quickly)- Developed an inventory system for rinse water totes and tested polymers in lab for scaling up treatment.- Generated certificates of analysis and sent them to customers	<i>Searsport, ME</i> July 2016 – Jan. 2017

Biddeford School Department*High School Math Teacher*

Biddeford, ME

July 2013 – June 2016

- Taught a variety of courses at varying levels, including AP Statistics
- Two-time Employee of the Month recipient
- Served as the School Culture and Leadership committee chair for NEASC accreditation

CONFERENCE CONTRIBUTIONS

- Panel participant at the VEMI 10: Working in Emerging Technology Conference, Orono, ME, USA (Sept. 2018)
- **Haase, K.N.**, Perry, R.J., and Giudice, N.A. (2018). Immersive 3D Haptics for Navigating Virtual Space. Poster: 7th International Conference on Spatial Cognition (ICSC 2018). Sept. 10-14, Rome, Italy.
- Guenther, B.A., Jensen, N.A., Butler, B., **Haase, K.N.**, Kaplan, T.M., and Giudice, N.A. (2018). Comparison of Learning with Vibro-audio Maps vs. Traditional Tactile Maps. Poster: 7th International Conference on Spatial Cognition (ICSC 2018). Sept. 10-14, Rome, Italy.
- Kaplan, T.M., Jensen, N.A., **Haase, K.N.**, Guenther, B.A., and Giudice, N.A. (2018). A Multimodal Thermographic Interface to Aid Nonvisual Navigation. Poster: 2nd biannual Interdisciplinary Navigation Symposium (iNav 2018). June 25-29, Quartier Tremblant, Canada.
- **Haase, K.N.**, Perry, R.J., and Giudice, N.A. (2018). 3D Haptics for Nonvisual Spatial Learning and Navigation. Poster: UMaine Student Research Symposium, April, Cross Insurance Center, Bangor, ME.

REFERENCES

- **Dr. Nicholas Giudice, *Founder and Director of Research***
Virtual Environment & Multimodal Interaction Laboratory, UMaine
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- **Dr. Richard Corey, *Director of Operations***
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