KEITH W. MCNAMARA, JR.

LAST UPDATED: 1/5/23

Phone: (410) 845-8065   Email: kmcnamara1@ufl.edu

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Website https://keithmc13.github.io/

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EDUCATION

PhD Program in Human Centered Computing at University of Florida   AUGUST 2018 - PRESENT

Graduated from University of Maryland, Baltimore County (UMBC)   MAY 2018

- B.S. in Computer Science

Internship/ Research Experience

UNIVERSITY OF FLORIDA   AUGUST 2018 - PRESENT
Computer and Information Science and Engineering

- Graduate Research Assistant and PhD Candidate
  - Explainable AI and Human-Computer Interaction
  - Collaborative Research and Leading Research Projects

UNIVERSITY OF MARYLAND, BALTIMORE COUNTY (UMBC)   DECEMBER 2016 - MAY 2018
Computer Science and Electrical Engineering (CSEE) Department – MAPLE Lab; Dr. Marie desJardins

- Machine Learning - Reinforcement Learning
  - Used custom Java language software for agent-based learning
  - Working with domains for Markov Decision Processes (MDP) and Abstract MDPs (AMDP)
- Cooperatively facilitated a team working on theoretical applications for AMDPs and making environments partially observable to the learning agent

NORTHROP GRUMMAN CORPORATION   JUNE 2016 - AUGUST 2016
Technology Services – Health IT Internship

- Worked with technology and software analysts on Microsoft SharePoint features
- Studied and contributed to the Software Development Life Cycle (SDLC)
- Communicated with customers for government contracts
- Recorded software requirements and meeting notes

Academic/Teaching Experience

- Undergraduate Teaching Assistant   SEPTEMBER 2017 – MAY 2018
  - CMSC 304: Social and Ethical Issues in Information Technology

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Publications:

- K. McNamara, I. Sherman, F. Tavassoli, J. D. Louis and J. E. Gilbert, "On media and disinformation: Examining viewer judgment of political video authenticity," 2021 IEEE International Symposium on Technology and Society (ISTAS), 2021, pp. 1-9, doi: 10.1109/ISTAS52410.2021.9629120.

- P. G. Feijóo-García, K. McNamara and J. Stuart, "The Effects of Native Language on Block-Based Programming Introduction: A Work in Progress with Hispanic Population," 2020 Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT), 2020, pp. 1-2, doi: 10.1109/RESPECT49803.2020.9272513.

- Sherman, I., Bowers, J., McNamara, K., Gilbert, J.E., Ruiz, J., & Traynor, P., (2020) Are You Going to Answer That? Measuring User Responses to Anti-Robocall Application Indicators, In Proceedings of the ISOC Network & Distributed Systems Security Symposium (NDSS).

- Pedro G. Feijoo-Garcia, Keith McNamara, Jr., and Jacob Stuart. 2019. Work in Progress: Native Language Consistency Effect on Learners' Introduction to Block Based Instructional Technologies. In Proceedings of the 20th Annual SIG Conference on Information Technology Education (SIGITE '19). Association for Computing Machinery, New York, NY, USA, 147. DOI: https://doi.org/10.1145/3349266.3351368

Technical Skills (Active and Previously Used)

- Programming Languages Used:
    - Python
    - R
    - HTML/CSS
    - JavaScript
    - C
    - C++
    - C#
    - Java
- Unity Game Engine - scripting and scene design
- Google DialogFlow
- UNIX
- Microsoft Office
- Information Technology (IT) client-based troubleshooting for Windows OS
- Software Installation and Computer Imaging

AWARDS/HONORS/SPECIAL RECOGNITIONS

- CISE Generation NEXT Scholarship   2020
- MCKNIGHT DOCTORAL FELLOWSHIP   AUGUST 2018
- UNIVERSITY OF FLORIDA GRADUATE STUDENT PREEMINENCE AWARD   AUGUST 2018
- UMBC MEYERHOFF SCHOLARS PROGRAM (M26 COHORT)   AUGUST 2014
- WYATT-MARTIN & ASSOCIATES SCHOLARSHIP   APRIL 2014
- MARK THOMAS HOPKINS MEMORIAL SCHOLARSHIP   APRIL 2014

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REFERENCES:

Dr. Juan E. Gilbert
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Chair, Computer and Information Sciences and Engineering
University of Florida
juan@ufl.edu

Dr. Eric Ragan
Contact: Graduate Committee Member
Assistant Professor
University of Florida
Computer and Information Science and Engineering
eragan@ufl.edu

Dr. Marie desJardins
Contact: Undergraduate Lab Mentor
linkedin.com/in/mariedj