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| EXPERIENCE**Graduate Research Assistant (Interaction Design & Modeling Lab)** Wright State University, Dayton, OH Jan, 2016 – PresentInformation Presentation on a decision support system for emergency responders Developed an android application for emergency responders to support in decision making and perform risk analysis   * Translated data collected from interviews and observation of emergency responders into functional requirements * Designed High/ Low Fidelity prototypes with Axure for tablet-based interface from the requirements gathered * Conducted usability testing and integrated the feedback into revisions   Android Application for Tinnitus Management   * Carried out landscape analysis and created medium fidelity prototypes to identify the best distraction aid for tinnitus patients * Evaluated user feedback and developed a functional android application featuring 2 back test for tinnitus patients   MiDLE Project   * Development of a tablet based android application to be used as an adaptive learning tool that provides feedback to RPA pilots during simulated flight scenarios   Independent Research   * Engaged in literature review in the field of wearable technology to improve the operator safety in petrochemical industries  **Graduate Teaching Assistant** Wright State University, Dayton, OH Jan, 2016 – Present Lectures  **Courses**   * Human-System Integration and Usability Engineering * Human Factors in Mobile Computing   In-Class Activities   * Improved student participation in the classroom by giving several in-class activities on paper prototyping   Designing Class Projects   * Assisted the faculty in designing class projects for developing a user-centered website/mobile design  **Software Developer** Tata Consultancy Services Ltd, India Feb, 2013 – Aug, 2015  * Experience with entire software development life cycle * Worked on agile development and design facilitating retail line-of-business of British Telecom  Education**Master of Science in Human Factors Engineering** Wright State University, Dayton, OH Aug, 2015 – Present Emphasis in Human Computer Interaction  **Bachelor of Engineering in Electronics and Instrumentation**  Anna University, India Sep, 2008 – May, 2012 conference paper and presentation David Wood, **Meenakshi** **Nagarajan**, Alexandra Opp, Subhashini Ganapathy, Michelle Cheatham, John Gallagher, Jim Gruenberg, Jack Smith (2016). **Using Model-Based Simulation for Augmenting Incident Command System for Disaster Response.** International 2016 Winter Simulation Conference, Washington, D.C., December 2016 | SKILLS & TOOLS  * Axure * JustInMind * Android * Balsamiq * HTML/ CSS * Bootstrap * Visio * Photoshop * R * Javascript * Qualtrics  ux skills  * Card sorting * Requirements gathering * Usability testing * Wireframes/ Mockups * Stakeholder interviews * Heuristic evaluation  COURSEs completed  * Fundamentals of Human Factors Engineering * Human Factors in Mobile Computing * Cognitive Systems Engineering * Design and Analysis of Experiments * Data Mining * Cloud Computing  course in progress Applied Time Series Interests  * User research * Data analysis  achievements **On-The-Spot Award**  Tata Consultancy Services Ltd., Nov, 2014  **Represented as Speaker**  Winter Simulation Conference, Dec, 2016 references **Dr. Subhashini Ganapathy, Ph.D.,** Associate Professor, Wright State University  [subhashini.ganapathy@wright.edu](mailto:subhashini.ganapathy@wright.edu)  **Dr. Michelle A. Cheatham, Ph.D.,** Assistant Professor, Wright State University  [michelle.cheatham@wright.edu](mailto:michelle.cheatham@wright.edu) |