Christopher Flathmann

Curriculum Vitae

(864) 630 3075
cflathm@g.clemson.edu
chrisflathmann.com

Education

2019–Present **PhD, Human Centered Computing**, *Clemson University,Clemson, South Carolina*.

2018 **BS Computer Science**, *GPA: 3.89*, *Clemson University,Clemson, South Carolina*.

Work Experience

2019–Present **Clemson University** Graduate Research Assistant, **Team Research Analytics in Computational Environments (TRACE)**. Researching how to build AI agents to interact with humans and other AI in collaborative environments.

2018 **Clemson University** Undergraduate Research Assistant, **Data Intensive Computing Ecosystems Lab**. Researched the affects of latency on high performance computing clusters in commercial cloud environments

2018 **Amazon** Software Development Engineer Intern, Financial Technology

2017 **Clemson University** Undergraduate Teaching Assistant, Algorithms and Data Structures

2017 **Michelin** Software Development Engineer Intern, Research and Development

Funding and Awards

2019 NSF **Technology-Human Integrated Knowledge Education and Research** Fellow

2017 Dupont Undergraduate Project of the Year: Smart Aiding Application for Travel Safety

Research Interests

Artificial Intelligence, Ethical Design of AI, Swarm Intelligence, Artificial Population Simulation, Human-AI Teamwork, AI-AI Teamwork, Collaborative Technology, Human Computer Interaction, Human Centered Design

Publications

Conference Papers

[C.1] **Flathmann, C.**, McNeese, N., & Barberis Canonico, L. (Accepted). Using Human-Agent Teams to Purposefully Design Multi-Agent Systems. *2019 Annual Meeting of Human Factors and Ergonomics Society.* Seattle, WA. Sage CA: Los Angeles, CA: SAGE Publications.

[C.2] Barberis Canonico, L., McNeese, N., & **Flathmann, C.** (Accepted). Collectively Intelligent Teams: Integrating Team Cognition, Collective Intelligence, and AI for Future Teaming. *2019 Annual Meeting of Human Factors and Ergonomics Society.* Seattle, WA. Sage CA: Los Angeles, CA: SAGE Publications

[C.3] Barberis Canonico, L., McNeese, N., & **Flathmann, C.** (Accepted). The Wisdom of the Market: Using Human Factors to Design Prediction Markets for Collective Intelligence. *2019 Annual Meeting of Human Factors and Ergonomics Society.* Seattle, WA. Sage CA: Los Angeles, CA: SAGE Publications.

Research Posters

[P.1] Flathmann, C., Schelble, B., & McNeese, N. (2019) Creating Human-Oriented Multi-Agent Teams. *Insights @ BMW Manufacturing Co. LLC.* 12 September 2019