

## ANDREW H. MAXIM

[andrewmaxim.com](http://andrewmaxim.com) • [amaxim@ufl.edu](mailto:amaxim@ufl.edu)

---

### EDUCATION

**University of Florida**, Gainesville, FL *Aug 2020 - Present*  
Doctor of Philosophy, Human Centered Computing Cumulative GPA: 3.77/4.00  
Department of Computer and Information Science and Engineering

**Iowa State University**, Ames, IA *Aug 2013 - Dec 2017*  
Master of Engineering, Systems Engineering Cumulative GPA: 3.77/4.00  
Department of Industrial and Manufacturing Systems Engineering

**Excelsior College**, Albany, NY *Jan 2005 - Nov 2008*  
Bachelor of Science, Management Information Systems Cumulative GPA: 3.73/4.00

### HONORS AND AWARDS

**T32 Fellowship**, National Institutes of Health (NIH), *2021-2023*  
**Team-based Interdisciplinary Cancer Research Training (TICaRT)**  
A comprehensive training program focused on fostering interdisciplinary collaboration and innovative approaches to cancer research, drawing on expertise from various fields, including human-centered computing, biology, and data analytics.

**Graduate School Preeminence Award**, University of Florida *2020-2025*  
A prestigious award recognizing outstanding academic achievements and research potential among graduate students at the University of Florida.

**Generation Next (GenNEXT) Scholar**, University of Florida *2020-2025*  
An NSF-funded multifaceted cohort-based support system to support PhD students in the Computer and Information Science and Engineering (CISE) Department at the University of Florida.

### PUBLICATIONS

#### Refereed Conference Proceedings

[1] You, C., Ghosh, R., **Maxim, A.**, Stuart, J., Cooks, E., & Lok, B. (2022, September). How does a virtual human earn your trust? guidelines to improve

willingness to self-disclose to intelligent virtual agents. In *Proceedings of the 22nd ACM International Conference on Intelligent Virtual Agents* (pp. 1-8).

### **Abstracts/Posters**

- [5] de Siqueira, A.G., Feijóo-García, P., Carnell, S., Palmeira, E., and **Maxim, A.** (2022) "fableBlocks: Toward Mitigating Programming Anxiety with Storytelling-based Tangible Block Programming Environments," *2022 IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC)*, Roma, Italy, 2022, pp. 1-4, doi: 10.1109/VL/HCC53370.2022.9833102.
- [4] Cooks, E., Vilaro, M., **Maxim, A.**, Tang, K., Wang, S., Lok, B., Sattari, M., Wilson-Howard, D., Krieger, J. (2022). Deploying virtual clinicians to reduce racial disparities in young-onset colorectal cancer: Experiences of Black adults with a culturally-tailored telehealth intervention. Poster accepted for presentation at the 46th annual meeting of the American Society of Preventive Oncology (ASPO). Tucson, AZ. March.
- [3] **Maxim, A.** (2022, March). [DC] Improving Presence of Virtual Humans through Paralinguistics. In *2022 IEEE Conference on Virtual Reality and 3D User Interfaces (VR)* (pp. 954-955). IEEE.
- [2] Cooks, E., Tang, K., Wang, S., Davis, A., Martin, J., Sattari, M., Lok, B., Wilson-Howard, D., **Maxim, A.**, Krieger, J. (2021). Extending the use of a virtual technology intervention to deliver colorectal cancer information to a younger cohort: the case of newly screening-eligible young Black adults. Presented at the annual UF Health Cancer Center Research Symposium. Virtual. December.
- [1] **Maxim, A.**, Cooks, E., Lok, B. (2021). Expressing confidence portrayed by a virtual agent with a computer-generated voice through altering of speech characteristics. Presented at annual UF Health Cancer Center Research Symposium. Virtual. December.

### **RESEARCH EXPERIENCE**

**Virtual Experiences Research Group**  
Research Assistant

*Aug 2020 – Present*

### **PROFESSIONAL EXPERIENCE**

**Sea Grant**, Gainesville, FL

*Jun 2021 – Dec 2021*

Worked as part of an interdisciplinary team to develop a NOAA sponsored training system to educate reef anglers on identifying and treating barotrauma in deep water fish.

**Intelident Solutions, Tampa, FL**

Manager of IT Infrastructure and Support

*Apr 2017 – Jul 2020*

- Responsible for technology infrastructure and support operations across 170 locations.
- Oversaw technical projects in alignment with organizational goals.
- Worked closely with management, external vendors, and advisors to find solutions to manage business activities.

**Sun Dental Labs, St Petersburg, FL**

Vice President Information Technologies

*Jan 2011 – Aug 2016*

**Consultant, St Petersburg, FL**

Information Systems Analyst

*Jan 2008 – Jan 2011*

**Premier Mortgage Funding, Clearwater, FL**

Network Manager

*Jan 2005 – Jan 2008*

**R'Club Child Care, St Petersburg, FL**

Information Systems Director

*Oct 2001 – Dec 2004*

**Sagent Technologies, Clearwater, FL**

Senior Network Engineer

*Oct 2000 – Oct 2001*

**US Salt, LLC, Jacksonville, FL**

Infrastructure Architect

*Apr 1999 – July 2000*

**Storcomm, Jacksonville, FL**

Systems Engineer

*Jan 1998 – Apr 1999*

**Prudential Healthcare/Compucom, Jacksonville, FL**

Network Engineer

*Feb 1997 – Jan 1998*

**SERVICE TO DISCIPLINE**

**Presentations and Talks**

Invited Speaker, Virtual Human Customization, UF Cancer Research Symposium for High School Students (2023)

Invited Speaker, Tailored telehealth intervention delivered by virtual humans to increase colorectal cancer screening among black adults, UF Cancer Research Conference for Science Teachers (2022)

Invited Speaker, Using virtual technology to deliver culturally appropriate cancer prevention messaging, NRG Oncology Semiannual Meeting (2022)

### **Journal and Conference Reviews**

IEEEVR (2022)

## **ADDITIONAL ACTIVITIES**

**Proverbs, LLC**, St Petersburg, FL

Founder

*Apr 2016 – Present*

- Founder and developer of a video game publishing company that utilizes novel approaches to open game play to a broader audience.