

Alexander Fuchsberger

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github.com/fuchsberger

Education

- University of Nebraska at Omaha**, Ph.D. in Information Technology Aug 2015 to Dec 2020
Dissertation: Achieving Realism in Agent-Based Crowd Simulations with advisor Brian Ricks, Ph.D.
Courses taught: CIST 1300 Introduction to Web Development
- University of Nebraska at Omaha**, M.Sc. in Information Systems & Technology Aug 2012 to Sep 2014
Dual Degree Master Program with Management Center Innsbruck
- Management Center Innsbruck**, M.A. in Management, Communications & IT Aug 2012 to Sep 2014
Graduated with Honors
Master Thesis: Artificial Intelligence operating in a Business Simulation with advisor Dr. Reinhard Bernsteiner
- University of Innsbruck**, B.Sc. in Management & Economics Aug 2008 to Feb 2012
Graduated with Honors
Bachelor Thesis: Target Group Marketing on Facebook with advisor Dr. B. Heinrich

Experience

- Assistant Professor of Teaching**, Bucknell University – Lewisburg, PA Aug 2021 to present
Started a collaboration with faculty members from the College of Management and Management Center Innsbruck to facilitate student and faculty exchanges.
Organized and conducted numerous Python bootcamps.
Hosted students off-campus for board game events since Fall 2023.
Developed a new elective Full Stack Web Development alongside a customized course philosophy and course management platform that supports student peer grading and flipped classroom material management.
Courses taught: ANOP 203, CSCI 187, CSCI 203, CSCI 204, CSCI 315, CSCI 379, CSCI 479, FOUN 098
- Visiting Assistant Professor**, Bucknell University – Lewisburg, PA Aug 2018 to May 2021
Courses taught: CSCI 187, CSCI 203, CSCI 204, CSCI 206, CSCI 315 CSCI 320
- Web Developer**, Self-employed Feb 2012 to present
Development and Maintenance of a website for a Photography studio
Development of a Statistical Web-Application for a Golf Professional
Development of a videogaming quality-of-live tool serving more than 800 active users at peak
Developing a dice rolling and character-/group management tool for a popular German roleplaying game.
- Online Marketing Manager**, Tiscover, GmbH – Innsbruck, Austria Feb 2012 to Sep 2012
Development and Maintenance of commercial websites in Alpine Tourism
- Internship**, Tiwag Netz, AG – Thaur, Austria Jul 2007 to Aug 2008
Climbing powerline towers removing birdnests and working on splicing glass-fiber high-speed internet cables
- Internship IT Support**, Tiwag, AG – Innsbruck, Austria Jul 2007 to Aug 2008
Customer service, facilitation of companywide BIOS updates
- Internship**, I/S Fasan – Copenhagen, Denmark May 2006 to May 2006
Monitoring duties in a heating power plant

Publications

Heavy tailed DecentraPunks Exploring the Structure of NFT Sales Networks Nargess Tahmasbi, <i>lexander Fuchsberger</i> Proceedings of the 57th Hawaii International Conference on System Sciences	2024
Non fungible Tokens Exploring Suspicious Washtrader Communities in NFT Networks Nargess Tahmasbi, <i>lexander Fuchsberger</i> ICIS 2022 Proceedings. 5.	2022
A Semi Automated Technique for Transcribing Accurate Crowd Motions <i>lexander Fuchsberger</i> , Zhicheng Cheng, Brian Ricks International Journal of Image and Graphics 20 (02)	2020
ChatterShield – A multi platform cyberbullying detection system for parents Nargess Tahmasbi, <i>lexander Fuchsberger</i> Twenty-fifth Americas Conference on Information Systems, Canchun	2019
Gamification for Achieving Sustained Engagement in Programming Classes Nargess Tahmasbi, <i>lexander Fuchsberger</i> Twenty-fourth Americas Conference on Information Systems, New Orleans	2018
Challenges and future directions of automated cyberbullying detection Nargess Tahmasbi, <i>lexander Fuchsberger</i> Twenty-fourth Americas Conference on Information Systems, New Orleans	2018
A correlation network model for structural health monitoring and analyzing safety issues in civil infrastructures <i>lexander Fuchsberger</i> , Hesham Ali Proceedings of the 50th Hawaii International Conference on System Sciences	2017
A Framework for Achieving Realism in Agent Based Pedestrian Crowd Simulations <i>lexander Fuchsberger</i> , Nargess Tahmasbi, Brian Ricks Twenty-fourth Americas Conference on Information Systems, New Orleans	2017
Improving decision making skills through business simulation gaming and expert systems <i>lexander Fuchsberger</i> 49th Hawaii International Conference on System Sciences (HICSS)	2016

Voluntary Work

Youth Leader , Catholic Jungschar – Völs, Austria Designed and facilitated indoor and outdoor activities for 100+ children during summer camps Spent 10 days each year entertaining and taking care of children ranged 7-15 during summer camps Organized year-round weekly sessions with local children in which they played, learned and socialized Newspaper Editor-in-Chief releasing a yearly 45+ page newspaper	2005 to 2010
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Technologies

Languages: C, Python, Elixir, Erlang, PHP, YAML, HTML, CSS, JavaScript, Typescript, Pascal, SQL, Papyrus, RiscV
Certificates: Cisco (CCNA 1-4 Network Basics), Quality-, Security- and Environment MGMT, UMIT (Counter-attacking in business negotiations, Negotiation Techniques, Repartee in business negotiations, Neural Linguistic Programming, Neural Linguistic Programming II)