Yim Register AI Curriculum Developer + Responsible AI Consultant

PhD in Information Sciences　　🌐 yimregister.github.io　　✉ yimregister@gmail.com

✨THE FUTURE OF AI CAN BE KIND ✨　　🤖 KindByte Consulting LLC

AI curriculum developer and Responsible AI consultant with 6+ years experience designing, implementing, and statistically evaluating educational experiences on various machine learning and AI techniques; I specialize in AI trainings for engineers and non-experts, AI safety audits, ensuring responsible AI practices, compliance with policy, evaluation of AI models, harm reduction protocols for AI development, and user studies for human + AI interaction.

PROFESSIONAL EXPERIENCE

Responsible AI Consultant, AI Literacy Course Developer — *Microsoft (CELA)*

Developed AI literacy trainings to promote informed decision-making when developing AI systems. Responsible AI practices for engineers and other roles, as well as ensuring that AI is in compliance with EU AI Act and other AI policy.

AI Subject Expert; AI Product Consultant, Professional Development Curriculum Writer — *Code.org*

AI Product design, safeguarding, and evaluation. User study of product success. Implemented educational experiences on societal impacts of generative AI. Created professional development materials for non-experts to use LLMs and AI products responsibly. Statistical evaluation of LLM accuracy in Python. Feature design for human + AI interaction *(human in the loop)*, provided consultations for prompt engineering improvement.

Data Science Curriculum Developer; Machine Learning Instructor, — *University of Washington Information Management Master's Program*

Redesigned and implemented UW Master's level Data Science series for online and in-person format; created videos, lessons, and Jupyter demos on machine learning algorithms and responsible AI practices.

Principal Investigator— *NSF Secure and Trustworthy Cyberspace Program Research and Outreach*

Led and managed a research team in designing, implementing, and evaluating community outreach web applications for highschoolers to learn about AI benefits and risks, misinformation, tech policy, and social media algorithms.

Software Engineering Intern, Data Science Curriculum Development — *Posit (formerly RStudio)*

Co-developed *Data Science for Software Engineers*, educational lessons in R for software engineers to apply statistics.

EDUCATION

UNIVERSITY OF WASHINGTON INFORMATION SCHOOL

🎓PhD in Information Sciences: *The Future of AI Can Be Kind: Strategies for Embedded Ethics in AI Education*
🏆*Honors:* National Science Foundation GRFP, Top Scholar Award, Center for an Informed Public Innovation Award, National Computer Science Hero, Gradient Prize Finalist, Susan B. Anthony Award for Activism

UNIVERSITY OF ROCHESTER, BRAIN & COGNITIVE SCIENCES + COMPUTER SCIENCE, B.S.

SKILLS

technical writing, community outreach, Python, R, HTML/CSS, JavaScript, scikit-learn, pandas, Jupyter, algorithmic audits, professional development + training design, AI safety, compliance with AI policy

SELECTED PUBLICATIONS

Yim Register and Amy J. Ko. 2020. Learning Machine Learning with Personal Data Helps Stakeholders Ground Advocacy Arguments in Model Mechanics. *ACM Conference on International Computing Education Research*
Yim Register et al. 2023. Attached to "The algorithm": Making sense of algorithmic precarity on instagram. *CHI Conference on Human Factors in Computing Systems.*