# Erik Chou

kire5030@gmail.com | 302-384-1494 | [portfolio](portfolio)

## EXPERIENCE

**Product Designer** **Denver, CO**
[Ria Money Transfer](Ria Money Transfer) *August 2024 - Present*
- Launching 12 alternative payment methods for underserved regions in EU/NA
- Designing a digital wallet for Senegal + global travel wallet app

**Chief Technical Product Officer** **College Park, MD**
[Sociable AI](Sociable AI) *April 2023 - July 2024*
- Enabled 500+ creators/influencers to launch machine intelligence marketers on social media
- Developed our monolithic web app with Next.js; architected RAG + vector-embedded LLM agents

**Assistant Researcher** **Pittsburgh, MD**
Human-Computer Interaction Institute, Carnegie Mellon University; [paper](paper) *May 2023 - August 2023*
- Designed a data-driven and human-centered decision-assistance environment to help gig workers make
  "smart" decisions in navigating and selecting gigs
- Worked with 16 gig workers and 9 local policymakers to research algorithmic control and power asymmetries

**AI Research Intern** **Remote**
Meta Research / MLH Fellowship *September 2021 - January 2022*
- Developed [AugLy](AugLy), human error augmentations to help ML models understand complex, real-world content

## PROJECTS

**"Sprout" - Democratizing agricultural lending** [Design Portfolio](Design Portfolio)
*November 2022*
- Designed a mobile neobank for first-time, non-literate farmers in India. Didn't launch.

**"Colossus web" - Cosmology dark matter visualizer** [Web App](Web App)
*September 2022*
- Developed a web app with Dr. Benedikt Diemer for calculations about cosmology, the large-scale structure of
  the universe, and the properties of dark matter halos.

**"Taro" - Open source game engine** [Github](Github)
*March 2021*
- Founded a web-based game editor that integrates 3D rigid-body physics with OpenGL rendering and scripting
- Published in 8+ news articles from the US, China, and South Korea; 600+ stars on GitHub

## EDUCATION

**University of Maryland**
Major: Product Design & Human-Computer Interaction (Software Eng., Human Factors, & Inclusive Design)