

# Carl Klutzke

I help people and technology understand each other.

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## EXPERIENCE

**Masters Student in Human-Computer Interaction**, IUPUI: January 2018 – December 2019

- Designed a prescription management system for a healthcare portal.
- Developed an interactive data visualization for The Children's Museum of Indianapolis.
- Designed an augmented reality mobile game to get players to exercise together.
- Designed a system for responding to player toxicity in online gaming.
- Developed an augmented reality business card app for Sun FundED.

**Student UX Designer**, Schneider Geospatial: January 2019 – December 2019

- Designed a mobile app to display historical media at Fort Benjamin Harrison for Arts for Lawrence.

**User Experience Intern**, Graspable Inc.: May 2019 – August 2019

- Researched competitors, studied analytics, and interviewed users to improve onboarding.
- Redesigned product's user interface and document storage system.

**Front End Developer Intern**, The Game Crafter: May 2018 – August 2018

- Developed a prototype that allowed a single code base to serve multiple specialized store fronts.

**Senior Business Analyst**, Simon Property Group: May 2010 – July 2017

- Replaced our legacy expense reporting system while switching travel card vendors. Improved user experience and engagement for 5000 employees while saving money.
- Launched a procurement system for 30 departments and 300 shopping malls. Improved plan compliance and reduced fraud.
- Transitioned our manual lease workflow process to Salesforce.com. Improved speed and visibility over manual process.

**Consulting Business Analyst**, Fusion Alliance: May 2007 – May 2010

- Enticed reluctant stakeholders via user-centered design to transition Simon's lease workflow system off failing infrastructure.
- Integrated LabWare with the clinical trials reporting system I developed at Covance.

**Senior Developer / Analyst**, Covance: March 2000 – May 2007

- Re-engineered a clinical trials reporting system to generate 1400 FDA-compliant reports per week. Improved efficiency, scalability, usability, and compliance while adding transactional processing, scheduled processing, and automated delivery.
- Redesigned a 13,000-user clinical trials web portal to distill actionable information from terabytes of data.
- Designed and developed UI to streamline entry of 200 ECG diagnostic codes via numeric keypad.
- Extended a local kit production line to global distribution. Saved \$.5M annually, improved global output 81%, improved quality, and reduced delivery time.

**Game Designer**: Present

- 2019: Designed and published *Telepathic* cooperative tabletop game. Studied local vs online play.
- 2018+: Organizing Protospiel Indy tabletop game design conference, for 90 designers, playtesters, and publishers annually.
- 2007: Designed and published *StoryCards Roleplaying Game*.
- 1997: Developed *Poor Zefron's Almanac* interactive fiction digital game.

## SKILLS

- Create a clear shared vision that solves the right problem for all stakeholders.
- UX Research: Competitive evaluation, surveying, contextual inquiry, task analysis, concept mapping, personas, journey mapping, user stories, use cases, requirements analysis, Google analytics, data analysis, data visualization.
- UX Design: Storyboarding, wireframing, prototyping (paper, Adobe XD, Balsamiq), Illustrator, InDesign, interaction design.
- UX Testing: Heuristic evaluation, cognitive walkthrough, protocol design, think-aloud protocol, accessibility, remote user testing.
- UI Development: HTML, CSS, JavaScript, Node.js, Vue, Bootstrap, Git, GitHub, Unity, Vuforia, Python, SQL, C#, .NET.
- General: Project planning, coordinating, collaborating, client rapport, outreach, writing, presenting, training, promoting.

## EDUCATION

- MS in Human-Computer Interaction, IUPUI.
- BAs in Professional Writing and Creative Writing, Purdue University.
- Agile Implementation Bootcamp, IU School of Medicine.

## LEADERSHIP AND COMMUNITY INVOLVEMENT

- Vice President, Indiana User Experience Professionals Association.
- Presentation at Indiana World Usability Day 2018: Shapiro, S., & Klutzke, C. *Don't Be Evil: The Lure of Dark Patterns*.