

Cassie Taylor

User Experience Designer
Learning Scientist

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Coursework

- game design
- service design
- curriculum design
- interaction design
- tools for online learning
- e-learning design principles
- scientific research in education

Skills

Research

- experimental design
- usability testing
- contextual inquiry
- cognitive task analysis

Design

- storyboarding
- prototyping
- wireframing
- conceptual modeling
- Adobe Creative Suite

Development

- Java
- SQL/Teradata
- Python
- VBA

Analysis

- data mining
- SPSS
- Weka

Language

- English
- Spanish
- French

Education

Carnegie Mellon University

Expected: August 2015

Master of Educational Technology and Applied Learning Science
Human Computer Interaction Institute

Princeton University

June 2012

A.B. *magna cum laude*, Psychology
Certificate in Linguistics

Relevant Experience

humaData *Coordinator*

January 2015 - present

Work with DDI (professional development and diagnostics provider) as project lead in UX team of four. Investigate the needs of front-line leaders and design an engaging, purposeful learning experience that facilitates a data-driven, iterative product development strategy.

Design of Educational Games *Teaching Assistant*

January 2015 - present

Assist professor (Amy Ogan, Carnegie Mellon University) with lesson activities. Provide explanations to 40 students on educational design, game design, and evaluative methodologies. Evaluate reading responses, assignments, and exams.

Game Design Workshop for the Workplace

January 2015 - present

Prototype a workshop that teaches the foundations of game design in order to facilitate practice of giving and receiving constructive feedback. This independent project synthesizes educational design theories, game design knowledge, and iterative design techniques.

Personal Financial Literacy for College Students

Fall 2014

Design the curriculum for a semester-long course on personal finance that aims to develop critical thinking and problem solving skills, address motivational issues related to finance, and provide practical financial knowledge and skills.

Analytics Operations Engineering, Inc. *Analyst*

2012 - 2014

Develop and implement analytical business solutions across industries. Operations and industrial engineering consulting engagements involve data mining, optimization, and simulation. Sample case work includes:

Print and online marketing analytics (10 months)

Project financial performance and set circulation quantities for marketing campaigns; Forecast daily campaign performance; Analyses led to a projected increase in profitability of 138% for the first quarter (2014).

Supply chain networks (2 months)

Develop a simulation to optimize branch placement for shipping supplies company over a 5-year growth horizon, reducing strain and balancing capacity for existing branches.