Justin Kahn

Learning Science Engineer

Web: www.justinkahn.com
Email: jkahn@andrew.cmu.edu
Phone: (908) 601-6819

EDUCATION

Carnegie Mellon University   **2014 - Present**
HCII, School of Computer Science
M.S. in Educational Technology and Applied Learning Science

Worcester Polytechnic Institute   **2008 - 2012**
B.S. , Mathematics with Distinction   3.89 / 4.0

EXPERIENCE

Capstone Project - Bloomboard   **2015 - Present**
Developer / Researcher
Working with Bloomboard, a Teacher Professional Development Startup, as lead developer in a team of 5. Conducting user-research with teachers and teacher coaches to develop a platform that streamlines the virtual coaching process.

Jess Programming Cognitive Tutor   **Aug - Dec 2014**
Researcher / Developer
As part of two person team we created a cognitive model of how students learn a rule-based programming language called Jess. This model was programmed into a Jess tutor to teach the concepts.

Graph Theory E-Learning Material   **Aug - Dec 2014**
Researcher / Developer
In a larger group of students working on teaching graph theory to middle school students, I developed E-Learning material to teach the introductory sequence. This consisted of a series of interactive videos on Moodle which culminated in a Cognitive Tutor for Fleury's Algorithm.

Attentional Controls Curriculum   **Aug - Dec 2014**
Curriculum Designer
As a course project for Dr. Sharon Carver, I developed a curriculum to teach high school students with a range of Attention Controls dysfunctions.

ABOUT ME

Availability: Full-time

Awards:
Charles O. Thompson Scholar
Senior Math Thesis Award

SKILLS

Prototyping
Balsamiq | Flinto | Keynote | Flash | Paper Prototyping

Visual Design
InDesign | Illustrator | Storyboarding

User Research
Competitive Analysis | Cognitive Task Analysis | Usability Testing

Programming
Objective-C | Java | Javascript | Python | Ruby | Rails |Jess | Xcode | CTAT

Data Mining
Weka | Lightside