

BENJAMIN S.C. HOWE

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OBJECTIVE

Carry out an interdisciplinary approach for advancement in the field of education using my knowledge of architecture and psychology.

EDUCATION

Harvard Graduate School of Education

Cambridge, MA / Class of 2013
Master of Education Candidate
Human Development & Psychology
GPA: 3.78/4.0

Carnegie Mellon University

Pittsburgh, PA / May 2012
Bachelor of Humanities & Arts
Architecture & Psychology
GPA: 3.37/4.0

Dietrich College of H&SS Honors
BHA Inter-College Honors

PROFESSIONAL DEVELOPMENT

Harvard Graduate School of Education & Harvard Graduate School of Design

Cambridge, MA / June 8-9, 2011
Effective Education + Innovative Learning
Environments Institute

PSYCHOLOGY SKILLS

- Courses: Abnormal, Child Development, Social, Practicum in Child Development, Cognitive, Personality, and Cognitive Development Psychology; Research Methods in Developmental Psychology; & Stress, Coping, & Well-Being
- Software: Stata, SPSS, & Microsoft Office

ARCHITECTURE SKILLS

- Proficiency in AutoCAD, Photoshop, InDesign, Illustrator, Rhinoceros, V-Ray, CNC Milling, Laser Cutting, 3D Printing, Model Building, and Hand Architectural Rendering

WEBSITE & PORTFOLIO

<http://www.andrew.cmu.edu/user/bshowe>

HONORS & ACTIVITIES

- Dean's List Spring 2010, Summer 2011, Fall 2011
- Carnegie Mellon University 2012 Senior Leadership Recognition Award
- Varsity Swimmer for Carnegie Mellon
- UAA All-Academic Recognition 2011-2012 for Men's Swimming & Diving
- SURG Grant Spring 2012

WORK EXPERIENCE

Lifelong Kindergarten Group, MIT Media Lab / Learning Resources Developer Cambridge, Massachusetts / August 2012 – Present

- Develop videos, tutorials, and other online resources as part of the learning research and design team preparing the launch of Scratch 2.0. (<http://scratch.mit.edu>)

iCarnegie / Higher Education Researcher

Pittsburgh, Pennsylvania / July 2012 – August 2012

- Researched the higher education structure of developing countries around the world and developed a database of articles to use for reference.

The Children's School At Carnegie Mellon University / Preschool Teaching Assistant

Pittsburgh, Pennsylvania / August 2010 – May 2011, January 2012 – May 2012

- Assisted a mentor teacher in educating 12 children aged 4 years old.
- Helped up to 40 children ages 3-5 in discovery and exploration of learning activities.
- Helped with preparation for activities and classroom instruction around this laboratory-based preschool.

SwimNOVA / Swim Instructor

Richmond, Virginia / 2006 - 2012

- Instructed up to 160 children ages 3-9 years old each summer in a Beginner and Advanced Beginner curriculum which included backstroke, freestyle, and introduction to breaststroke in classes of about 6 children.
- Taught private lessons for SwimNOVA to children and adults of various levels.

3North / Architectural Intern

Richmond, Virginia / May 2008, June – August 2009

- Worked in AutoCAD for plan, section, and elevation construction drawings on the Gottwald Herndon Project and Carolina Inn in a summer internship.
- Built a 20 ft. x 25 ft. model for the Monroe Park Project in a summer internship.
- Constructed a 3 ft. x 5 ft. working study model for the Sabot School Project in a three week internship.

INTERDISCIPLINARY PROJECTS

- Developed a magnetic unit block system and educational curriculum for children ages 4-5 for a dual thesis (BXA Capstone Project & H&SS Honors Thesis). Design process was driven by educational and psychological theories and research. (Summer 2011 – Spring 2012) Currently in the process of commercialization.
- Developed in a group a prototype educational piece of software that could be used as a professional development program to debunk neuroscience myths for educators. (Fall 2012) (http://space-monteluce.com/brainbusters_v2/)

ARCHITECTURE PROJECTS

- Constructed a 12 ft. x 10 ft. x 10 ft. plywood canopy with a group based on Gaudi's catenary arches and experimenting with bending and constructing an entire project out of one material, Baltic Birch plywood. This was a full-scale design / build exercise. (Spring 2010)

PSYCHOLOGY PROJECTS

- Carried out a case study for a 4-year-old male child at The Children's School at Carnegie Mellon University for an entire semester. Wrote and presented a paper at the end of the class noting the developmental milestones achieved, areas where the child struggled, and ways to help the child improve based on developmental theories learned and discussed in class. (Fall 2010)