Ph.D. Student Recruiting for the ARCHITECTURAL ROBOTICS LAB

1 or more fully-funded PhD positions in interactive and adaptive, robotic environments at Cornell University, deadline December 1, 2017.

The Architectural Robotics Lab at Cornell University, led by Keith Evan Green, invites candidates to apply for a PhD position with a start date of August 2018. Admitted PhD students will design, prototype, and test interactive and adaptive, robotic environments focused on various applications and technical challenges.

Preferred applicants are individuals interested in pursuing a Ph.D. focused in design research who have earned prior degree(s) in a design discipline, broadly defined, including architecture, industrial design, product design, interaction design, user experience, media arts, HCI, HRI, human factors psychology, and/or human-centered design/computing/engineering. Successful applications will demonstrate a promise for cultivating new vocabularies of design and new, complex realms of understanding towards novel, computational and human-centered design propositions.

ABOUT THE LAB

Cornell’s Architectural Robotics Lab strives to address problems and opportunities of an increasingly digital society by developing and testing meticulous, artfully-designed, “cognitive environments” that act, think, and grow with their inhabitants. The lab develops, specifically, robotic built environments. The novelty of the lab lies in its recognition of the physical, built environment, from furniture to the metropolis, as a next frontier of computing, robotics, and design. Research in the lab is highly collaborative, developed in partnership with faculty and students from departments including Information and Computer Science, Mechanical, Electrical, and Computing Engineering, Materials Science & Engineering, Neuroscience, and Psychology.

APPLICATIONS

Complete applications are due no later than December 1, 2017 without exception. Full funding and living stipend may be offered to one or more qualified Ph.D. applicants for admission to Fall Semester only. The degree of Ph.D. will be awarded within the Cornell University’s department of Design + Environmental Analysis (D+EA); http://dea.human.cornell.edu/). This academic year, D+EA expects to add a new graduate focus in Emerging Technologies in Design, and a reconceptualization of an existing graduate focus to be named Design for Interaction; both of these foci would overlap with the activities of the Architectural Robotics Lab.

One of the eight Ivy League Universities, Cornell consistently ranks among the top-20 research universities globally, benefits from its beautiful natural surroundings in upstate New York, and adjoins the lively, inclusive downtown of Ithaca.

Apply on-line: http://gradschool.cornell.edu/admissions
Architectural Robotics Lab: https://arl.human.cornell.edu
Director and Prof. Keith Evan Green: keg95@cornell.edu