



Ph.D. D+EA Student Recruiting for the ARCHITECTURAL ROBOTICS LAB

Led by Keith Evan Green, the ARCHITECTURAL ROBOTICS LAB invites candidates to apply for one or more fully-funded PhD positions in interactive and adaptive, robotic environments at Cornell University subject to availability of internal and external funding. 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, mechanical engineering, 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 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, Cognitive Science, and Psychology.

APPLICATIONS

The degree of Ph.D. will be awarded by Cornell University in the graduate fields of either Design + Environmental Analysis (D+EA): <http://dea.human.cornell.edu/> or Mechanical & Aerospace Engineering: <http://www.mae.cornell.edu/>—whichever is best suited to the student.

Complete D+EA applications are due **November 1** annually with a start date in **August**.

Complete MAE applications are due **December 15** annually with a start date in **August**.

Full funding and living stipend may be offered to one or more qualified Ph.D. applicants.

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>

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