

EDUCATION: PhD in Environmental Design and Planning / Construction (August 2012)
Dissertation: "An Integrated BIM Framework to Support Facility Management in Healthcare Environments"
Committee: Walid Thabet, co-chair, Tanyel Bulbul, co-chair, Andrew McCoy, Chimay Anumba
Virginia Polytechnic Institute and State University, Blacksburg, Virginia

MS Building Construction and Management Science (December 2008)
Thesis: "Improving Conveyor Belt Safety Training Through the use of Virtual Reality"
Committee: Walid Thabet, Chair, Brian Kleiner, Ki-hong Ku
Virginia Polytechnic Institute and State University (VT), Blacksburg, Virginia – GPA 3.83

B Arch (May 2004), Summa Cum Laude, New Jersey School of Architecture (rank 2 of 70)
New Jersey Institute of Technology (NJIT), Newark, New Jersey – GPA 3.86

HONORS/ AWARDS: Graduate Student of the Year (Department of Building Construction), April 2008, VT
International Masonry Institute Competition, Fall 2003, Second Place, NJIT
Dean's List, NJIT (Fall 1999-Spring 2004)
Albert Dorman Honors College, NJIT
Phi Eta Sigma National Collegiate Honors Society, NJIT Chapter

PROFESSIONAL EXPERIENCE:

ACC/ECC Compliance Consultant

2016 – Present

- Verify plans for compliance with CC&R, monitor construction process for environmental compliance issues related to HOA

Clemson University – Department of Construction Science and Management, Clemson, SC
August 2012 – Present – Assistant Professor

- Teach assigned courses, develop research agendas, and conduct service as appointed by the department
- Faculty Advisor to NAHB Student Chapter and Coach to Competition Team

Virginia Tech – Department of Building Construction, Blacksburg, VA

September 2006 – July 2012 – Graduate Research Assistant

- Design advertisements, signs, and publications for department events
- Aid in gathering information for prospective projects and funding
- Conduct Research

Thomas Koontz – Architect, PC, Blacksburg, VA

September 2006 – December 2007 – Architect Intern

- Produce construction and design documents
- Site documentation for renovation/ addition drawings

Toll Architecture, Toll Brothers Inc., Horsham, PA

July 2005 – July 2006 – Job Captain:

- Check drawings produced by CAD techs for accuracy and completeness
- In charge of producing drawings for new model homes
- Responsible for scheduling and administration of team

July 2004 – July 2005 – CAD Technician:

- Produced permit/construction document sets for house orders
- Produced construction documents for community club house

Pennsylvania Department of Transportation, District 4-0, Dunmore, PA

Summer 2003 – Intern, Design and Contract Management

- CAD design for various maintenance projects and proposals

Summer 2000-20002 – Intern, System Technique to Analyze and Manage Pennsylvania Pavement (STAMPP) and Road Management System (RMS)

- Surveyed physical conditions of roads and submit appropriate reports