

# Nishanth Kathula

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## Summary

Graduate student enrolled in the School of Sustainable Engineering and Built Environment and majoring in Construction Management at Arizona State University with professional experience and affiliations spanning across the fields of Architecture, Construction, Design-Build and Project Management.

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## Education

**Master of Science, Construction Management** (May 2018)  
**Arizona State University, Tempe, AZ, U.S.** GPA: 3.90/4.0

- President - DBIA ASU Student Chapter, DBIA 2016 National Design-Build Student Competition University Representative

**Bachelor of Architecture, Architecture** (Aug 2014)  
**National Institute of Technology(NIT), Tiruchirappalli, Tamil Nadu, India.** GPA: 3.84/4.0

- 1st Rank - Academic Proficiency Award, Academic Thesis Topper, Student Placement Representative
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## Work Experience

**Project Management Intern** (May 2017 to Aug 2017)  
**Andrews Design Group, Inc., Tempe, AZ, U.S.**

- Design Lead, 555 W Turney Ave Storage and Recreational Facility, Melrose community, Downtown, Phoenix, AZ.  
Link: <https://youtu.be/mKj6ZVuTx48>
- Assisting PM with construction administration, bidding process, detail estimation and specification process and coordinating with client and consultants to obtain project info, setting up tracking schedules, project directory and project files.
- Coordinating with engineers to produce design review documents and construction documents, editing redlined documents and reviewing building codes. Assisting with municipal submittals, review and fixing documents as per municipal comments.

**Architect Aide** (Nov 2016 to Present)  
**Office of the University Architect, Arizona State University, AZ, U.S.**

- Involved in architectural design and research, space analysis and planning for on-campus institutional buildings.
- Prepared detailed signage drawings, working drawings, 3D visualizations and renders for on-campus institutional buildings.
- Analyzing projects using Project Definition Rating Index and preparing statistics, presentations and project overview documents.

**Graduate Research and Teaching Assistant** (Dec 2016 to Present)  
**School of Sustainable Engineering and Built Environment, Arizona State University, AZ, U.S.**

- Fall 2017 Graduate Teaching Assistant for the subject, CON 453: Construction Project Management, Instrumental in Leading Building Information Modelling (BIM) lab sessions.
- Research on "Identifying opportunities for computational advancements for construction Project Managers" with Dr. Steven Ayer.
- Spring 2017 Graduate Teaching Assistant for the subject, CON 598: Indigenous Architecture, Planning and Construction.

**Senior Architect** (Jun 2014 to Jul 2016)  
**Larsen and Toubro Construction, Chennai, India**

- Involved in architectural design and standardization of architectural details with coordination between different disciplines.
- Prepared prequalification documents, involved in documentation of completed projects and conducting peer review meetings.
- Prepared ready reckoner materials and arranged knowledge sharing sessions, technical and vendor presentations.
- Prepared detailed estimates and specifications for high rise residential communities, club houses and hostel facilities.

**Architect Trainee** (Jun 2012 to Nov 2012)  
**Inform Architects Private Limited, Bangalore, India**

- Prepared sanction drawings, good for construction drawings, revision drawings, detail drawings, 3D visualization models for office and high-rise residential projects.
- Crafted physical models of furniture and institutional projects (Materials: foam board, balsa wood and Plaster of Paris).
- Inspected site works and prepared site visit reports and as-built drawings.

**Marketing and Graphic Design Aide** (Sep 2016 to Jan 2017)  
**University Sustainability Practices, Arizona State University, AZ, U.S.**

- Graphic design of flyers and various other sustainability marketing materials.
  - Responsible for marketing strategies for sustainability initiatives in and around Arizona State University campuses.
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## Software Skills

Revit | AutoCAD | SketchUp | Photoshop | Illustrator | InDesign | Premiere | Rhino3D | 3DS Max | Lumion | Corel Videostudio | Microsoft Office

## Academic Projects

### CON 598 Indigenous Project Delivery

(Fall 2016)

- Construction Feasibility Study for Tribal Housing with a Community-Based design approach and Innovation in housing strategies, Client: Tolani Lake, near Navajo County border, AZ, U.S.

### CON 598 Project Management Methodologies

(Fall 2016)

- Providing a Cost Benefit Analysis for the implementation and maintenance of solar panels at Sundt Construction, Inc. Facility in Tempe, AZ, U.S.

### CON 545 Construction Project Management

(Fall 2016)

- Construction Operation Study of a Construction Project, this study involves designing a data collection process and evaluating work sampling data (i.e. using MPDM analysis), the development of flow diagrams, and a safety analysis of the construction project. Site Selected: The Folz Residence, Paradise Valley, Phoenix, AZ, U.S.

### CON 567 Advanced Procurement Systems

(Spring 2017)

- Analyzing characteristics of people who made successful predictions using Kashiwagi Solution Model and framing conclusions which help in differentiating between experts and nonexperts during procurement process in construction industry.

### CON 593 Applied Project (Performed under Prof. Wanda Dalla Costa)

(Spring 2017)

- Research Paper on "Housing Equity and Heat Vulnerability: A Case Study for Indigenous Design and Construction" and In-depth research on Remote Construction Techniques, Site: Tolani Lake, near Navajo County border, AZ, U.S.

### CON 598 Front End Planning

(Spring 2017)

- Performing Project Definition Rating Index (PDRI) Analysis on Arizona State University, Ira. A. Fulton Schools of Engineering Robotics Lab Renovations.

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## Publications

### Flexible Design for Health & Safety, Architecture as a Problem Solver - Saunter Toilets.

(Jan 2015)

- Flexible Design for Health & Safety Architecture as a Problem Solver - Saunter Toilets. Kannan, G. Gopalakrishnan., & Nishanth, K. (2015). Journal of Civil Engineering and Environmental Technology,2(3). Link: <http://www.krishisanskriti.org/ijbad1.php?id=250>

### Sustainable Practices in Vernacular Architecture-Rejuvenating Trends.

(Jul 2015)

- Sustainable Practices in Vernacular Architecture-Rejuvenating Trends. Sudha, P. R., & Nishanth, K. (2016). Indian journal of science and technology,9(6). Link: <http://www.indjst.org/index.php/indjst/article/view/87674>

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## National and International Recognitions

### Recipient: 2017 Design-Build Institute of America (DBIA) Western Pacific Region College Scholarship, CA, U.S.

(May 2017)

- Awarded to qualified students pursuing a design or construction related degree at selected universities in the western US.

### Winner: Fiatech Annual Student Competition, Fiatech 2017 Technology Conference & Showcase, FL, U.S.

(Mar 2017)

- Awarded for the best video and research on latest emerging technologies in the construction industry in collaboration with the course, CON 575: Information Technology in Construction.
- Technology Chosen: Augmented Reality in Underground Construction, Link: <https://www.youtube.com/watch?v=QT38LSn7heQ>

### Special Mention: Good Governance India Foundation (GGIF), Urban Innovation Challenge (UIC), India.

(Dec 2015)

- Competition Entry for Safe, Sustainable Habitat - Addressing sanitation problem in India using Saunter toilets
- This design was made to support the Clean India Campaign by the Government of India.

### Academic Thesis Recognition: Institute of Physical Education and Sports, B.Arch., India

(May 2014)

- Department Thesis Topper, Presented at NIASA Thesis Award, Council of Architecture, India
- Presented at Archiprix 2015, Madrid, Spain. Link: <http://archiprix.org/2017/index.php?project=3704>

### Academic Proficiency Award for securing the First Rank, B.Arch., India

(Jan 2012)

- Awarded for exceptional achievement in academics in the 3rd and 4th semesters while pursuing my bachelor's degree.

### Toastmasters International: L&T ECC Toastmasters, India and University Toastmasters, U.S.

(Oct 2014 to Present)

- Advanced Leader Bronze (Apr 2016) | Competent Communicator (Dec 2015) | Competent Leader (Aug 2015)
- President (Jan 2016 to Jun 2016) | Vice President (Jul 2016 to Dec 2015) | Sergeant at Arms (Jan 2016 to Jun 2015).

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## Professional Affiliations and Memberships

Associate Member, Indian Institute of Architects, Aug 2015	Design Build Institute of America, Sep 2016
Registered Architect, Council of Architecture, India, Apr 2015	International Facility Management Association, Sep 2016
Sigma Lambda Chi International Const. Honor Society, Dec 2016	Construction Management Association of America, Apr 2017
Toastmasters International, Oct 2014	Association of General Contractors of America, Sep 2016