

# SADHANA ANANTH PISIPATI

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## EDUCATION

**Carnegie Mellon University, Pittsburgh, PA**

(August 2018 – Dec 2019)

Master of Science in Architecture, Engineering and Construction Management | Current GPA – 4.16

**Heriot-Watt University, Dubai, UAE**

(September 2012 – June 2015)

Bachelors of Eng. (Hons) in Architectural Engineering | Degree Obtained – Honors of the First Class

## RELEVANT COURSEWORK

- Project Planning and Reporting (Management)
- Engineering Economics
- Real Estate Design and Development
- Building MEP Design of a high-rise tower
- Building Information Modeling (BIM)

## WORK EXPOSURE & PROJECTS HANDLED

**JOHNSON CONTROLS, DUBAI**

(Oct 2015 to July 2018)

**Associate Sales Engineer – Building Management Systems and Integrated Security Systems**

- Supported consultants in the design of Building Automation Systems on key projects, thereby creating a trusted advisor partnership with a significant number of consultants.
- Conducted thorough review of cost estimations to improve accuracy of proposals, and conducted detailed contract reviews.
- Developed Strategic Key Accounts, including Clients and MEP Contractors. Built relationships with clients and proposed value-added solutions. Acquisition of strong client-orientation, technical skills and understanding of the dynamics of relationships in the industry.
- Successfully secured business to meet and exceed sales targets every year.

**DUBAI CARBON**

(Dec 2014 to Feb 2015)

**Technical Intern**

- Contributed significantly in Technical Design Reviews of a project involving Net-Zero-Energy design of bus stations
- Composed a report titled 'Green Economy and Green Jobs', highlighting the key issues surrounding the development of Green Jobs and Green Economy in the UAE.

**GREEN EMIRATES, DUBAI**

(July to Aug, 2014)

**Research Intern**

- Undertook an independent research study on: 'Triple Net Zero buildings for the World Islands, Dubai', wherein I authored a report on technologies and systems to be implemented.

**ZAS PSE ARCHITECTS + INTERIORS, DUBAI**

(June to Aug, 2013)

**Intern**

- Worked on high-rise tower projects in Dubai; produced Architectural and Interior Design Drawings, Tender Documents and Specifications and took part in Site-Inspection Process during Construction.

## SKILLS

- Revit and AutoCAD
- Microsoft Project, Visio, Word, Excel, PowerPoint
- IES-VE (Energy Modeling Tool)
- Currently pursuing LEED GA Certification
- PHOENICS-FLAIR (Computational Fluid Dynamics)
- Infoworks (Urban Drainage Simulation Tool)
- ARCGIS (Geographic Information System)