

PANKHURI PIMPLEY

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EDUCATION

Master of Science, Project Management (GPA 3.56/4.00)

Expected May 2019

University of Maryland

College Park, MD

Relevant Coursework: Project Procurement Management, Cost Accounting and Finance, Project Risk Management, Construction Automation and Robotics, Legal Aspects of Engineering, Sustainability Fundamentals for Project Managers

Bachelor of Engineering, Civil Engineering (GPA- 8.25/10.00)

June 2017

Yeshwantrao Chavan College of Engineering, Nagpur University

Nagpur, India

Relevant Coursework: Project Planning and Management, Estimating and Costing, Data Collection and Report Writing

TECHNICAL SKILLS

- **Project Management Tools:** Microsoft Project 2010, Primavera P6, Maryland Construction Management System (MCMS), Maryland Material Management System (MMMS), Risk7, PrecisionTree7, Draw.io, Basecamp
- **Programming:** C, Oracle in SQL/PLSQL, R, Python
- **CAD Software:** Revit, AutoCAD 2014, CollabCAD, STAAD.Pro

PUBLICATION

Authored the research paper "Role of Civil Engineers Pre, During and Post Disasters" published in International Journal of Civil Engineering and Technology (IJCIET), Volume 7, Issue 6, Nov–Dec, 2016.

WORK EXPERIENCE

Research Engineer

August 2018 - Present

University of Maryland, College Park

College Park, Maryland, US

- Worked on determining the success/failure factors affecting technology adaptation in 3D Printing Industry.
- Created and circulated surveys and questionnaires, collaborated with industry professionals for feedback and analysis.

Public Relations Manager

March 2018 - Present

GenNextPM, University of Maryland

College Park, Maryland, US

- Served as a liaison between the Project Management Student Organization and the student body.
- Engaged in organizing and managing events, resource procurement and public outreach.

Construction Inspection and Management Intern

May 2018 – August 2018

Maryland DOT State Highway Administration (SHA)

Prince George's County, Maryland, US

- Efficiently managed project database, estimates and schedules, materials, payroll, meetings, project certifications and documents.
- Performed site inspection, maintenance of traffic, project quality control and quality assurance.

Project Engineering Intern

May 2016 - July 2016

Anandjiwala Technical Consultancy

Nagpur, India

- Performed laboratory and site testing on construction materials according to Indian Standard (IS) codes.
- Completed a detailed specialization report on "Geotechnical Investigation and Material Testing".

PROJECTS

I-95/I-495 Bridge Demolition and Replacement

August 2018

- Served as a Construction Inspector leading crews and working in co-ordination with the contractors.
- Assisted the Project Engineer with construction project management and database management.

Public Outreach in Project Management

May 2018

- Performed extensive research on various projects to outline the importance of public outreach in diverse projects and wrote a paper on it.
- Wrote a detailed case study on the California High Speed Rail and its public outreach.

Creative Construction using Waste and Residual Materials in Cement Bricks

June 2017

- Exhibited an innovative approach to reduce cost of construction and environmental pollution without compromising with overall requirements and characteristics, while utilizing otherwise discarded materials.
- Calculated and compared cost estimates and mix designs for Fly Ash and Pond Ash Bricks.

Role of Civil Engineers in Disaster Management

December 2016

- Outlined various aspects of Civil Engineering in construction and rehabilitation as a part of Disaster management.
- Wrote a detailed report and published a research paper on the topic.