

Haig Palanjan
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Education:

2016-Current **University of Michigan-Dearborn** **Dearborn, MI**
-Bachelor of Science in Mechanical Engineering
-CECS-STEM Scholarship
-3.0 GPA

Relevant School Curriculum: CATIA, CAD, MATLAB, C Language, Microsoft Office, Principles of Engineering Materials, Manufacturing Processes, Design Stress Analysis, Thermodynamics, Computer Methods, Technical Writing, Fluid Mechanics, Thermal Fluids, Engineering Dynamics, Control System Analysis and Design, Electrical Engineering, Instrument and Measurement Systems, and Thermal Systems Design and Optimization

Work Experience:

August 2016-Current **Farmington Community Library** **Farmington, MI**
Library Maintenance Page

- Responsible for the smooth operation of the entirety of the library
- Cleaning and repairing any emergency that may arise
- Taking and maintaining inventory of libraries supplies
- Coordinate, organize, and orchestrate events with librarians
- Maintaining book conveyer belt, AC units, and electric panels

Library Page

- Working underneath Circulation, Reference, and Technical Services
- Working with the public, while acting as a liaison between patrons and librarians
- Organizing and shelving books

September 2019-December 2019 **Fairway Engineering LLC** **Wixom, MI**
Engineering Technician

- Testing concrete for air, slump, and compressive strength
- Conducting field density tests for soil and asphalt with electrical density gauge.
- Broke sample cylinders of concrete to determine if the concrete met standards
- Created reports and Autocad drawings of work done in the field
- Conducting laboratory proctor tests for density verifications in the fields
- Made decisions in the field and reported it to the general contractors

Professional Affiliations:

Sigma Pi Fraternity
American Society of Mechanical Engineers

Community Involvement:

Gleaners Detroit Food Bank
Philanthropy

References:

Donald Wrench
Facilities Coordinator at Farmington
Community Library
(248) 996-4714

P.K. Mallick, Ph.D. P.E.
Professor of Mechanical Engineering
(313) 593-5119
pkm@umich.edu

Mark Mahajan P.E.
Owner of Fairway Engineering LLC
(248) 214-5913