

Andreas Palma Wahyudin

andreas.wahyudin@gmail.com

(832)560-6540

www.linkedin.com/in/andre-wahyudin

Objective: To obtain industry and real-life, hands-on experiences from professional career, and at the same time apply my knowledge of engineering to real-world situations.

EDUCATION

- **University of Texas at San Antonio** *Graduation Date: May 2018*

Bachelor of Science in Mechanical Engineering, Concentration in Materials and Mechanics

Relevant Coursework:

-Statics, Dynamics, Thermodynamics, Mechanics of Solids, Materials Engineering, Circuits and Electronics, Fluid Mechanics, Machine Element Design, Manufacturing Engineering, Heat Transfer, Oil & Gas Engineering Reservoir Geomechanics, Finite Element Analysis

Projects:

- Arduino Controlled Vehicle, Human Powered Vehicle, Automatic Suturing Device (Senior Design Project)

- **Houston Community College (Summer Classes)** July 2014-August 2015

CAREER AND LEADERSHIP EXPERIENCE

Recording Secretary with ASHRAE Feb 2018-May 2018

- Attend chapter regional conferences and meetings
- Prepare and manage documents and reports
- Liaison with delegates of numerous chapters from Region VIII
- Maintain business meeting minutes and agenda

Material Science Research Intern at Boral North America May 2017-Aug 2017

- Provide support for project research, data collection, and reporting
- Assist with experiment executions
- Participate with Boral's safety program

American Society of Mechanical Engineers Jan 2015-Oct 2016

Athletic Director

- Coordinate all sport and intramural events with the university
- Oversee and bring up organization projects at meetings
- Report to events coordinator

Secretary

Oct 2016- current

- Prepare and manage correspondence, reports and documents
- Maintain schedules and calendars
- Liaison with internal and external contacts
- Assist in tutoring SolidWorks

ACTIVITIES AND ORGANIZATIONS

- **American Society of Heating, Refrigerating and Air-Conditioning Engineers** Mar 2017- Present
- **American Society of Mechanical Engineers (ASME), UTSA** *Aug 2014-Present*
- **Catholic Student Associations, UTSA** *Aug 2014-Present*
- **Volunteer Organization Involving Community Education and Service** *Aug 2014-Present*
- **Indonesian Catholic Youth Community, Houston, Texas** *Jul 2005-Present*

SKILLS

- Certified SolidWorks Associate
- Fluent in English and Indonesian
- Interpersonal Skills: honest, reliable, adaptable, hard-work, positive attitude, willingness to learn, team-player
- Technical Skills: Windows and Apple systems, Microsoft Office (Word, Excel, PowerPoint), MatLab, SolidWorks, Finite Element Analysis, Arduino, Laboratory and Machine shop experience, ANSYS, data analysis, entry-level programming
- Experience in various safety programs, LEAN, manufacturing methods, product research and development