

Alexander Sudibjo

8101 Evergreen Dr.
Little Rock, AR 72227

Email: a_nishoba@yahoo.com

Objective

- With a Mechanical Engineering degree, I would like to work in a design and development field with different materials.

Education

- MS: Mechanical Engineering
 - University of Arkansas, Fayetteville, AR (August 2008 – present)
 - Expected graduation: August 2010
 - Current cumulative GPA: 3.0
- BS: Mechanical Engineering
 - University of Arkansas, Fayetteville, AR (August 2004 – May 2008)
 - Honors Program, Cumulative GPA: 3.321
- Passed the Fundamentals of Engineering Exam (April 2008)

Professional Experience

- Presented graduate research work in TMS 2010 (February 2010)
 - Title: Molecular Dynamics Study of Diffusion Behavior in PDMS and PDMS-based Nanocomposites.
- Submitted a technical paper to the ASME ECTC 2010 (January 2010)
 - Title: Molecular Dynamics Simulation of Atmospheric Penetrates in PDMS.
- Member of the Mechanical Engineering AIAA Build, Design, Fly competition (September 2007 – May 2008)
 - Part of the structures team.
 - Responsible for data collection for material properties of different composites.
- Vice President of Pomfret Anime Club (September 2004 – April 2006)
 - Coordinate events with the rest of the club.

Employment History

- Research and Teaching Assistant
 - University of Arkansas, Fayetteville, AR (Summer 2008 – present)
- Library Assistant
 - Main Library, Little Rock, AR (Summer 2002 and 2003)

Skills

- Utilize an open-source code to perform Molecular Dynamics simulations.
- Utilize Excel, Matlab, and other programs to analyze data.
- Utilize AutoCAD to complete basic designs.
- Utilize testing machines to gather material data.
- Read and write basic Japanese.
- Organize a group of people towards a common goal.