

RAJA AKIF BIN RAJA ZAHIRUDIN

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- OBJECTIVE :** To obtain an internship experience in engineering
- EDUCATION :** The Pennsylvania State University, University Park, PA
Bachelor of Aerospace Engineering with Mechanics minor (intending)
GPA (Fall Semester) : **3.31**
Expected Graduation Date : May 2016
- Relevant Courses**
- | | |
|---------------------------------|----------------------------|
| Engineering Design | Physics Mechanics |
| Physics Electricity & Magnetism | Calculus & Vector Analysis |
- International Education College (INTEC) UiTM, Shah Alam, Malaysia
American Degree Foundation Program (ADFP) - Engineering
Graduated July 2012 with CGPA: **3.34**
- EXPERIENCE :**
- Engineering Design In-Class Projects** Spring 2013 - Present
- Designed a mansion using **Trimble Sketch-Up 3D** software
 - Designed bridges using **WestPoint Bridge Design** software
 - Designed websites** using Microsoft FrontPage & Microsoft Expression
- Penn State Advanced Vehicle Team** Spring 2013 - Present
- Helped out as a volunteer in the **Mechanical Team** in designing, modifying and manufacturing of parts for the **hybrid vehicle**
- International Petroleum Technology Conference (IPTC)** Fall 2008
- Presented a paper regarding **Biomass energy** to International Oil & Gas companies
- LEADERSHIP :**
- Founder for Association of Alumni of Rantau Petronas (ALUMRAP)** Jan 2012 - Present
- Spearheaded** the alumni association and addressed methods to establish the alumni
 - Held **experience sharing programs** with first year foundation alumni's for school students
- Performing Arts Mini Committee of ATUSA INTEC** Fall 2011 – Spring 2012
- Planned & managed events** especially matters regarding lighting and sound systems
- Head Prefect & Head of Student Body of Rantau Petronas Secondary School** Feb – Dec 2010
- Acted as **liaison** between the student body and the school administration
 - Established KPI's** for prefects & managed to **lessen disciplinary cases** up to **75%**
- President Arts & Culture Club 2010 & President of Young Entrepreneur Club 2009**
- HONORS & AWARDS :**
- Terengganu State Trust Holders Board "Gold Medal Award" 2011**
- Awarded for **best achievements in academic & co-curriculum** amongst all students in the state
- Terengganu State Education Director Distinction Award 2010**
- Top 0.076%** in the country & **Top 17** out of 23,561 in the state in academic achievement
- Rantau Petronas Secondary School Academic & Co-curriculum Excellence Award 2010**
- 1st place** in each exams in 2010 & **supreme accomplishments** in traditional dancing, drama & theatre and squash throughout 2006 until 2010
- ACTIVITIES :**
- International Education College (INTEC) Speech Night** Spring 2012
- Placed **2nd best speaker** of the night out of all 200 American Degree Foundation students
- Malaysia National Squash Tournament** March 2009
- Played as the **3rd ranking** state player & reached **quarter finals** for group category
- SKILLS :**
- Computer**
- Proficient with **Microsoft Office, Microsoft Expression & Trimble Sketch-Up**
 - Learning **Solid Works 3D & NX** design software
- Language**
- Fluent in English and Malay language