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**Robert Arra**

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# Education

**University of Illinois at Urbana-Champaign**, Champaign, Illinois  Graduated: May 2014

*Bachelor of Science in Physics, Concentration in Material Science*

* Honors & Awards: College of Engineering James Scholar, Most Improved Theta Xi Scholar (May 2011)
* Relevant Coursework: Physics 199 HM Honors Seminar in Special and General Relativity

# Work Experience

**L&T Tech. Services *(Acquired Dell Engineering Services)*,** Peoria, Illinois November 2014 - Present

*Technical Consultant*

* Leads a team of engineers providing strategic Mechanical Engineering solutions and products to industry leading companies
* Manages projects for clients and coordinates work with offshore talent
* Develops and maintains strong customer relationships to ensure future projects and opportunities for the company

**Dell Engineering Services,** Peoria, Illinois September 2014 – November 2014

*Mechanical Associate Engineer*

* Plans, designs and creates CAD models using Creo Parametric software in order to overcome engineering problems focused on cost, manufacturability, and aesthetics
* Participated in the development of new and innovative products
* Engineered start to finish product testing including mock up ordering test set-up , and result analysis

**Advanced Diamond Technologies, Inc.,** Romeoville, Illinois July 2012 – September 2013

*Research Intern*

* Reviewed test procedures and conducted complex test scenarios with the ADT Diamonox Electrochemical Cell product line
* Evaluated and recommended improvements to test procedures for ADT products to diversity uses and improve marketability
* Designed experiments to provide information on the cost efficiency of varying product’s run specifications. Run specifications included flow rate, current density, salinity, and diamond gap

**Centennial Beach,** Naperville, Illinois May 2009 – September 2012

*Guest Services, Summer Employment*

* Implemented a new structured system for cashiers to effectively balance corporate financial records
* Maintained accurate records of inventory, analyzed stock levels, and wrote vendor reorders
* Improved and performed weekly vehicle and park safety checks

# Leadership Based Extra-Curricular Affiliations

**Theta Xi Fraternity**, University of Illinois at Urbana-Champaign December 2010- May 2014

*President* (May 2012 – December 2012)

* Conducted weekly meetings for all 150+ members
* Nominated 7 members to committee chairmen role based on leadership and philanthropic attributes
* Responsible for the financial obligation of all 150+ members and the management of a bi-annual budget of $60,000
* Developed a comprehensive budget for the Fall 2012 Semester

*Vice-President* (December 2011 – May 2012)

* Partnered with university officials to create an open-dialogue between the university and members to address various issues
* Maintained diligent minutes and attendance at all weekly chapter meetings
* Assisted in the execution of all financial transactions, new member education meetings, and house repair requests

*Scholarship Chair* (August 2011 – December 2012)

* Developed and executed a new procedure that catered to the abilities of each active, resulting in the highest scholarship ratings
* Organized and supervised weekly study hours for both pledges and actives to maintain scholarship levels
* Participated in executive board meetings by contributing to all administrative and financial decisions

**University of Illinois Roller Hockey Club,** University of Illinois at Urbana-Champaign September 2009-April 2010

*Alumni Relations Chair* (September 2009 – April 2010)

* Maintained a record of all alumni to ensure an accurate network for all members
* Developed an alumni newsletter to inform alumni of current events and news
* Marketed and executed an Alumni Weekend event for former and current members featuring a scrimmage and dinner

**Miscellaneous**

**Language Ability:** English: Native Fluency; Spanish: Basic/Beginner

**Software Skills:** Proficient in Excel, PowerPoint, Word, Publisher, Photoshop

**Interests:** Hockey, Skiing, Historical Fiction Novels, Golf, Movies, Realism Art

Highly motivated individual with strong interpersonal skills, analytical abilities and solid business process background looking to turn my passion for problem solving into a position as a consultant for a world class consulting firm.

I graduated from the University of Illinois in 2014 with a Bachelor of Science in Physics, with a concentration in Material Science and Engineering. Since then I have been working as a Technical Consultant for L&T Technology Services (Formerly Dell Engineering Services). This has given me the opportunity to work with many large companies such as Harley Davidson, Whirlpool, and Caterpillar.

Currently I am acting as an onsite Project Manager providing engineering consulting services for Harley Davidson at their Product Development center. My experience there has allowed me to work with a large team consisting of engineers, program managers, suppliers, and purchasing analysts. This has furthered my interest in analysis and numbers, while allowing me to find solutions to customer needs. I possess the skills to provide timely, cost effective, and efficient answers to those needs. The projects I’ve supported have exposed me to a variety of topics and software. They include engineering design, testing, inventory tracking, SAP, and CAD programs.

I think my experience and skill set is a great fit for your company and I look forward to speaking further.