

Arturo Pelayo

E-mail: arturo.pelayo@gmail.com

Availability: Immediate.

Willing to relocate and travel globally 100%.

PROFILE:

- Proven ability to interact, establish and maintain effective working relationships both as a team member and team leader with people in a multi-cultural, multi-ethnic environment with interpersonal sensitivity, creative latitude, grace under pressure, independence and respect for diversity.
- Solid ability to adapt and reinvent frequently and predilection for field and hands-on learning.
- Balanced all-around excellence in scholarship, leadership and service in student life.
- High scholastic achievement, citizenship and adherence to principles of faith.
- Moral character and integrity.

TECHNICAL PROFILE:

- Tech savvy with self-reliant passion on problem analysis through planning and dynamic decisiveness.
- Initiating in decision-making through flexibility, effort, perseverance and cross-cultural communication skills.

LANGUAGES: Spanish; English; Advanced German & French.

WORK EXPERIENCE

Systems Engineer,
Nuclear Engineering,
SPECT R&D Group.

Molecular Imaging Group,
SIEMENS Medical Solutions.
Hoffman Estates, IL. USA.

September 2005 – May 2006

- Work in a Multi-functional environment specializing in Research and Development of next-generation multi-modality medical equipment with a focus on image quality, system integration, system reliability, cost reduction, best practices and overall product efficiency.
- Demonstrated a good grasp of knowledge of professional principles, skills in cross-functional areas and applied them through successfully recommending, initiating, developing and completing innovative solutions in basic to moderate tasks. Assisted in IEC standard validation testing for Symbia product line sale authorization in The People's Republic of China.
- Acted as a conduit of support across the functional areas of expertise, including but not limited to, the Systems Engineering Group members while gaining expertise. By enhancing such support role, general guidance, practical hands-on training to new personnel and staff in proven areas of expertise was provided. Initiated, established and sustained external contacts.

EDUCATION:

Western Illinois University.
Macomb, IL. USA.

Masters Degree in Instructional Design & Telecommunications.
Concentration: Interaction Design.

2006 – 2008

- Graduate Assistant of the Office for Partnerships, Professional Development and Technology at the College of Education and Human Services (COEHS). Since Summer 2006.
- Instructional Designer for COEHS Podcasting initiatives. and the Apple iTunes U service.

Western Illinois University.
Macomb, IL. USA.

Bachelor of Science Degree in General Physics.
Minors: German, French, Mathematics and
Manufacturing Engineering Technology (Mechanical Design).

2000 - 2005

College Accomplishments & Honorary Distinctions:

- 18th Annual WIU President's Excellence in Diversity Award Recipient, 2007.
- First Hispanic Student to graduate from a Bachelor of Science in Physics at WIU.
- Who's Who Among Students in America's Colleges and Universities 2005, 2008.
- Graduated with Special Recognition Honors by the Office of the President.
- Blue Key National Honor Society Inductee in 2005.
- National Dean's List Honoree. Inducted in the 2004-2005 Academic Year.
- Dean's List, College of Liberal Arts & Sciences, WIU 2004.
- University Foundation Scholar 2000-2005.
- Society of Manufacturing Engineers' 2001 Scholar.

Internships:

Summer 2005

SIEMENS Energy & Automation.
Materials Engineering Analyst.
Mundelein, IL. USA.

Summer 2003

SIEMENS Medical Solutions.
Computed Tomography (CT) Group.
Erlangen, Germany.

- Worked with the Materials, Chemistry & Physics Groups.
- Enhanced Data Acquisition System Sensors for CT.
- Executed durability, strain & long term testing for Multi-modality medical imaging equipment.
- Report development in English and German.

Study Abroad:

September -
December 2007

The Scholar Ship, Student Scholar.

- Traveled on Academic programs through Greece, Portugal, Panama, Ecuador, New Zealand, Australia and China.
- \$10,000 Institute for International Education Diversity Grant.
- \$2,000 Grant from the Office of the President of The Scholar Ship.

Summer 2001
Munich, Germany

Technische Universität München, Student Scholar.

- German Language, Science, Technology and Culture Course. Sponsored by the Deutscher Akademischer Austauschdienst (DAAD).

Research Projects:

Fall 2002

"Electrostatic Properties of Milkweed Fluff". WIU Physics Department.
Undergraduate Research Assistant.

College Work Experience:

2000 – 2005

Laboratory Assistant, Computer Science Department.

- Provided instruction to more than 30 users per hour.
- Maintained laboratory systems use and operability.
- Developed direct 1:1 customer relations.
- Enhanced training experience in classroom setting.

2000 – 2004

Center for the Application of Information Technologies (CAIT.org)

(2003 - 2004)

Teaching Assistant, Satellite Education Network.

- Aided in providing instruction (Spanish I & II) to more than 400 High School students across the continental United States through the Satellite Dish Network & DirecTV.

(2002 - 2003)

Production Assistant, Satellite Education Network.

- Collected and classified audiovisual material into standardized media.

- (2000 - 2001) **Database Developer.**
- *Illinois Secretary of State SECURITY CLEARANCE.*
 - Developed coding for the University's STARS (Student/Alumni Records System) Database.
 - NCREL Curriculum Mapping Website. (www.ncrel.edu).
 - Internal Project Management Projects.
 - Research & Development of User Interface Design.

Campus Community Development:

- 2004 – 2005 Office of Affirmative Action & Office of Student Activities.
- **Trainer**, GLBT Safe Space Program.
- 2002 Department of Physics, WIU.
- **Volunteer**, Science Week After-School Outreach Program. Macomb Area Elementary Schools.
- 2001 – 2004 United States' Department of Education's
- **Volunteer**, Annual International Education Week: Cultural Awareness Visitation Program. Greater Macomb Area Elementary Schools.

Student Life & Leadership Development:

- 2003 - 2005: **University Appointed Organizations:**
- Campus & Community Quality of Life Committee.
 - WIU Strategic Plan: Student Life Implementation Team;
 - Grade Appeal Committee.
- Spring 2005 **Amnesty International:**
- Student Chapter Coordinator.
 - Achieved the collection of more than 250 letters for US Senators & US Representatives for the National Week of Student Action (NWSA) April 1st -8th.

International Friendship Club:

2004 – 2005

President

- Achieved the incorporation of the largest Student Organization in Campus into the Student Services Division.
- Accomplished the appointment of an Administrative Advisor, two full time Graduate Assistants.
- Implemented a Structural and Philosophical change in the Organization, moving from a Vertical to a Horizontal model;
- Developed an Institutional Image Strategy.
- Ensured increased funding for the fulfillment of the IFC Mission.
- Designed & implemented a strategy to revise the IFC Constitution that was four years outdated.
- Streamlined the Data Management System & implemented a Backup System.
- Proposed more than 24 initiatives in the University-wide Quality of Life Committee.
- Developed activities that emphasized on cultural awareness, student engagement and civic responsibility.
- Enhanced minority group leadership development & representation.

2003 – 2004

Vice President

- Consolidated the Public Relations Group and integrated a Webmaster position.
- Streamlined Electronic and Printed Media Development and its Logistic Distribution.

2002 – 2003

Public Relations

- Implemented a Website for the first time in the organization's history.
- Created a portfolio of electronic and hard copy publicity assets.

SERVICE:

2005 Information Docent & Staff Member, WIRED NEXTFEST 05. Chicago, IL

COMMITTEES & MEMBERSHIPS:

2005 - 2007 Amnesty International.
2006 - 2007 WIU Strategic Plan Implementation Team Member
2004 – 2005 National Association of Foreign Student Affairs (NAFSA).
2003 - 2005 WIU Grade Appeal Committee.
2001 – 2003 WIU Quality of Life Committee; Strategic Plan: Student Life
Implementation Team.
2000 - 2001 Society of Manufacturing Engineers.

CONFERENCES:

2008 Association of International Education Administrators (AIEA) Conference:
"Globalization: Implications for International Education."
Panelist on "Creative Approaches to Developing Intercultural Competency on
Education". Washington, D.C. February 17th-20th.

2006 "Elements of Change" National Conference of the Industrial Design Society of
America (IDSA). Austin, TX. September 16-19.

2004 National Association of Foreign Student Affairs (NAFSA)
Region V Conference. University of Michigan. Ann Arbor, Michigan. November
7th-9th.

2002 Representative, Western Illinois University's Student Org. President.
Argonne National Laboratory Conference in Education in Engineering,
Mathematics & Sciences" by Central States Universities Inc. (CSUI).
Argonne, Illinois. November 1st -2nd.

SOFTWARE & PROGRAMMING LANGUAGES:

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| Healthcare: | • Syngo MI workplace (e.Soft 6.0). |
| R&D Engineering: | • AutoCAD, Unigraphics, Mathematica, Maple, MatLab. |
| Web & Graphic | • Macromedia Dreamweaver, Contribute. |
| Design: | • Adobe Photoshop; Apple iLife, Keynote, Pages. |
| Productivity: | • MS Office (Word, Excel, PowerPoint); File Maker. |
| Languages: | • JAVA and HTML. |
| Platforms: | • Mac OS 9.0 – Mac OS X Tiger; Windows 95- XP Pro. |

ADDITIONAL:

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| 2001: | Certified Scuba Diver by the National Association of Underwater Instructors (NAUI). |
| Since 1997: | Webmaster, Graphic Designer, Professional DVD Video Authoring. |

EDUCATION (continued):

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| Guadalajara, Jal. Mexico. | Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM). High School Diploma. |
| 1997 – 2000 | <ul style="list-style-type: none">• Spring 2000: 1st Place: Better Company Award. "Entrepreneurship & Company Modeling Fair".• Spring 2000: High School Yearbook Committee.• 1997 – 2000: Student Scholar. |

INTERESTS:

- Interaction Design; Industrial Design; Industrial Psychology; Industrial Anthropology.
- Molecular Imaging; Mechanical Engineering; Aeronautics; Marketing.