

JARED J. FERNANDEZ, E.I.T.

EDUCATION

B.S., Nanosystems Engineering

Louisiana Tech University *Ruston, Louisiana* 2004 – 2008

- Degree concentration in Biomedical Engineering, core grade-point average of 3.73 (Nanosystems, Microsystems, and Biomedical Engineering), senior design project: “Platinum Nanotube-Catalyzed Direct Formic Acid Fuel Cells”

Jesuit High School *New Orleans, Louisiana* 1999 – 2004

- Jesuit is one of the top high schools in the country, graduated “Cum Laude,” took concentration classes in human anatomy

PROFESSIONAL EXPERIENCE

Manager on Duty / Assistant General Manager

Le Pavillon Hotel *New Orleans, Louisiana* 2006 – 2011

- Managed departments & employees, filed reports, directly handled customer complaints, performed employee and interdepartmental inspections, managed computer networks, designed custom software solutions

Head Caterer

New Orleans Ladies Ballroom *Terrytown, Louisiana* 2000 – 2007

- Managed wait staff, served customers, prepared food & beverage

Webmaster

Jesuit High School *New Orleans, Louisiana* 2001 – 2005

- Served as the sole webmaster for the company, made multiple daily updates, posted news stories, designed custom web-applications

Certified Lifeguard

Terrytown Country Club *Terrytown, Louisiana* 2001 – 2003
(Seasonal)

Technician

Associated Manufacturer Agents *New Orleans, Louisiana* 2000

- Managed computer and telephone networks, performed clerical duties

RESEARCH & LABORATORY SKILLS

- Hands-on experience with the following research and laboratory methods: spectroscopy, interferometry, SEM, TEM, AFM, layer-by-layer assembly, template wetting, clean room procedure, and all other basic laboratory procedures (fume hood, centrifuge, chromatography, et cetera)

SOFTWARE EXPERIENCE

Operating Systems

- DOS, Windows (all versions)
MAC OS (all versions), Linux,
UNIX, Audix, Intuity

Professional / Office

- Microsoft Office Suite, Open
Office, Star Office, Adobe Suite,
Opera, Fidelio, GoConcierge

Engineering / Technical

- MathCAD, Solid Edge,
AutoCAD, PSpice, Fidelio,
Micros, Opera, MATLAB,
LabVIEW, SolidWorks, Micros

Programming Languages

- Perl, MySQL, Oracle, Regular
Expressions, HTML, CSS,
JavaScript, MATLAB, BASIC

PROFESSIONAL ACCREDITATIONS & MEMBERSHIPS

The Society of Nanosystems Engineering Students

Senior Member, Officer, and Alumnus

2006 – Present

Phi Mu Alpha Sinfonia Fraternity

Senior Member, Officer, and Alumnus

2005 – Present

The American Society of Mechanical Engineers

Senior Member and Alumnus

2004 – Present

CONTACT INFORMATION

Mailing Address:

816 27th Street, Unit #8
San Diego, California 92102

Cell Phone: +1 (814) 395-2733

Facsimile: +1 (504) 433-1865

E-Mail: Jared@JaredFernandez.com

Website: JaredFernandez.com

PERSONAL ACTIVITIES & ACCREDITATIONS

- I am proficient in reading and writing and have conversational speaking skills in both South American and Castilian Spanish.
- From 2008 – 2009, I single-handedly developed a proprietary software system for handling in-house and self-service online restaurant reservations. It is marketable and could be easily customized for another property.
- I enjoy music; I have studied piano for the past twelve years and have studied the violin for the past three years. I received many honors for piano, including the qualification level of “superior.” I also played principle second violin in the Louisiana Tech Chamber Orchestra from 2006 – 2008.
- I am well-traveled and would be pleased to work for your company abroad. I recently returned from a 110 day journey around the world. I have personal experience with the following countries: Spain, France, Monaco, Italy, Argentina, Chile, Uruguay, Ecuador, The Netherlands, Switzerland, Australia, New Zealand, Japan, Singapore, South Korea, Hungary, Austria, and Germany.
- I actively participate in water sports. I was on a swim team for four years, earning several medals, I am a certified SCUBA diver through PADI, and I was a certified lifeguard, which included a certificate in First Aid and CPR for the professional rescuer through the American Red Cross.
- I enjoy doing volunteer work and in the past have worked with several New Orleans-area charity organizations, including the Lighthouse for the Blind, a company dedicated to assisting the local blind community, and Rebuilding Together, an organization that assists the poor and disabled rebuild their dilapidated residences.

REFERENCES

—Available upon request—