

GENG LI

U.S. Citizen

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New graduate engineer with 3 years professional laboratory experience and 4 months engineering internship. Seeking a full time research associate position in biotechnology industry

EDUCATION

University of California in San Diego, CA

Bachelor of Science

Major: Chemical Engineering

Alpha Gamma Sigma *Honor Society* Academic Scholarship Award (2011)

Outstanding Award for Chemistry (2011)

TECHNICAL SKILLS

C++, Matlab, Labview, Aspen, Solidworks, AutoCAD(Certified), Six Sigma, Microsoft Offices

PROJECTS

Chemical Engineering:

Methanol production plant

Hydrogen fuel cell

Liposome nanoparticle synthesis

LPCVD reactor simulation

Plate heat exchanger

Silica Nanoparticle synthesis

Process Design:

Recover Sulfate from Water

Non-Alcoholic beer production

EXPERIENCE

Engineering Intern, Advanced Power Group Corporation Inc., 2015.4-2015.7

- Performed QC&QA for Endoscope replacement parts. Collaborated and assisted inventory department to optimize production process and reduce cost
- Generated Solidworks 3D models for Endoscope parts
- Worked closely with sales department, helped to organize and analyze customers' feedback
- Obtained strong trouble-shooting skill, as well as general office work skills

Research Associate, Combi-Blocks Inc., 2014.3-2014.8

- Completed the synthesis and refinery of organic chemicals in a GMP/QSR environment
- Conducted research and experimental design using HPLC and NMR. Generated laboratory reports, responsible for laboratory equipment maintenance
- Obtain strong data analysis ability, got professional training on laboratory skills

Undergraduate Laboratory Technician, EL Camino College 2010.9- 2012.5

- Prepared chemical solution, conducted sample analysis and laboratory report
- Performed routine cleaning of laboratory equipment, responsible for daily equipment check
- Obtained hand-on laboratory experience and solid report writing skill

RELEVANT COURSES

- 7 core course of chemistry: organic chemistry, biochemistry, inorganic chemistry
- Biology: PCR, DNA quantification

