

SAMPLE ENGINEERING RESUME

JULIA ENG-BACHELOR

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OBJECTIVE

To obtain a hands-on position developing and optimizing robots and automated production systems

EDUCATION

Stanford University, Stanford, CA - B.S. in Mechanical Engineering expected 20xx
Major GPA: 3.7/4.0 Cumulative GPA: 3.5/4.0

Stanford in Berlin, Germany – studied German language, history and culture Spring 20xx

RELEVANT COURSEWORK

Robotics	Mechatronics	Control Systems
Machine Vision	Product Design	Machines and Society

COURSE PROJECTS

Integrated Compliant Arm-Wrist Robot 4/xx - 6/xx

- Worked on a team to simulate and program an existing robot with 6 degrees of freedom
- Empirically determined the acceptable gripping pressures for objects of differing shape, weight, and surface texture
- Successfully trained robot to pick up and manipulate a delicate wineglass without damaging it

Throw & Catch Robots

1/xx - 3/xx

- Trained twin robots to repeatedly throw and catch a tennis ball
- Worked on a three-person team to simulate and develop the motion and control algorithms
- Led the team in rendering and fine-tuning the algorithms into C++

EXPERIENCE

Engineering Intern, Siemens AG, Munich, Germany 6/xx - 9/xx

- Provided drafting and engineering support at a plant manufacturing drives and motors
- Updated and maintained electro-mechanical drawings and documentation
- Adhered to best-practice protocols for document control
- Observed factory operations employing precision robots and machine vision

ACTIVITIES

Social Chair, Sigma Delta Tau Sorority 20xx - present

- Led committee that planned and organized monthly events for all 50 women in the house
- Organized a successful benefit dinner that exceeded fundraising goal (>\$5000)

Tour Guide, Stanford University

20xx - present

- Polished public speaking skills while conducting three campus tours per week

SKILLS

Design:	SolidWorks
Programming:	Matlab, C/C++, Java, HTML
Fabrication:	CNC mill, lathe, brazing
Languages:	German (conversational)

PROFESSIONAL AFFILIATIONS

American Society of Mechanical Engineers • Tau Beta Pi Engineering Honor Society •
Society of Women Engineers