RESUME BUILDER ELECTRONIC RESUME

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JOB 1
B.S. IN MECHANICAL ENGINEERING HONORS PROGRAM
University of Maryland, College Park, MD
Expected July, 20XX Overall GPA: 3.6/4.0 Engineering GPA: 3.7/4.0

HONORS AND ACTIVITIES
National Merit Scholar, Maryland Distinguished Scholar
A.P. Scholar with Honors, Dean's List (four times)
Maryland Club Lacrosse (19XX-20XX); Maryland Intramural Soccer (20XX)

RELATED COURSEWORK
Calculus, physics, chemistry, differential equations, statistics, dynamics, thermodynamics, introduction to matlab, fluid mechanics, electronics and instrumentation, engineering materials and manufacturing processes, statistical methods of product development, transfer processes, vibrations controls and optimization, product engineering and manufacturing, automotive design, manufacturing automation, technical writing, human resource management, introduction to transportation in supply chain management.

COMPUTER SKILLS
Word, Excel, PowerPoint, Pro-Engineer, Matlab.

JOB 2
University of Maryland College Park, 1999 to present

Team Semester Projects:
REDESIGN OF THE DEWALT TRADESMAN DRILL using the nine-step product development process. Directed the testing and building of a prototype cordless/corded drill. Compared results to necessary specifications to determine effectiveness of the design. Gave PowerPoint presentations on project results. Utilized analytical tools such as the House of Quality, Weighted Decision Matrix, Morphological Chart, and Functional Decomposition to redesign drill. 2002

DESIGN OF HYBRID SUV FOR FUTURETRUCK COMPETITION. In charge of testing of the performance of the electric motor. Analyzed complex schematics to determine connector specifications and location. Negotiated the donation of connectors for the high-voltage system. Researched torque curves for the stock engine and the replacement engine. 2002-2003

DESIGN OF MATLAB CODE TO MODEL AIRBORNE CONCENTRATIONS OF DUST IN TURBULENT WINDS. Modeled winds with force vectors. Displayed results in multiple plots corresponding to different wind conditions. Experimented with different mesh densities to determine the degree of computing power necessary for accurate results. 2001

OTHER PROJECTS HAVE INCLUDED:
Design of portable water pump
Statistical analysis of campus traffic flow
Evaluation of scale wind tunnel testing of a high-rise building
Analysis of stress, bending and failure in a lug wrench

JOB 3

University of Maryland, College Park, MD; Team Project Skills

AS TEAM LEADER for more than 10 significant projects, developed skill in analyzing projects, delegating tasks and establishing timelines. Also developed the following engineering and project management skills:
-Draft project details
-Devise and recommend alternative methods of standardized analysis as a basis for solving problems
-Recommend and devise deviations to details
-Assist in reviews of engineering changes
-Review compliance to contract during design, development and production
-Evaluate control of baseline products
-Manage and/or witness tests
-Evaluate quality assurance activities
-Conduct cost and schedule analysis and estimations
-Manage engineering data collection and analysis

JOB 4

Sales Clerk, Village Antiques, 787 Oella Ave., Oella, MD 21228; 19XX-19XX); Supervisor: John Jones, 410-444-4444; salary: $10 per hour; Responsible for customer service, sales, daily operation of store (25 hours per week)

EDUCATION:

B.S. IN MECHANICAL ENGINEERING HONORS PROGRAM, 20XX
University of Maryland, College Park, MD

Diploma, Centennial High School, Ellicott City, MD, Class of 19XX

AWARDS AND RECOGNITIONS:

College:
Overall GPA: 3.65/4.0, Engineering GPA: 3.75/4.0

High School Academic Honors:

Honor Roll; Cumulative GPA: 3.6 / 4.0; National Merit Finalist/Scholar; A.P. Scholar with Honors

High School Significant Courses:
Gifted and Talented English, Social Studies; Math and Science course work A.P. Psychology, A.P. Statistics; A.P. English 12, A.P. U.S. History; A.P. Calculus I and II

OTHER INFORMATION:
Active in basketball, racquetball and lacrosse throughout high school and college. Attended University of Hawaii, Oahu, Summer 20XX studying Hawaiian culture, surfing and golf. Traveled to France and Denmark, Summer 20XX.