

Jackson Caruth

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OBJECTIVE: To obtain a full-time position in the engineering industry.

EDUCATION: **Southern Methodist University School of Engineering**, Dallas, TX Grad Date: May 20xx
Bachelor of Science in Management Science (Concentration in Operations Research)
Minor in Business Administration
Overall GPA: 3.17

Curtin University of Technology, Perth, Australia (SMU Study Abroad Program) Spring 20xx

RELEVANT COURSES: Introduction to Management Science, Operations Research, Microeconomics, Macroeconomics, Principles of Computer Science I, Calculus I & II, Linear Algebra, Scientific Computing, Accounting I

SKILLS: MS Windows, Excel, Word, Access, PowerPoint, FrontPage, Adobe Photoshop and Illustrator, Quicken, CPLEX, AMPL, SAS, C++, HTML, Visual Basic, Java, PERL, UNIX

ENGINEERING PROJECTS:

Senior Design Project:

- Designed a demand forecasting model to assist SkinCeuticals with developing an efficient inventory system
- Interviewed SkinCeuticals staff to determine variables used to develop an efficient linear program that forecasts demand
- Analyzed sales history figures to determine product similarities and/or seasonal relationships

Operations Research Models Course Project:

- Designed a minimum cost computer production schedule via an integer programming mathematical model for the fictional corporation Moon Megasystems
- Constructed a mathematical model to minimize costs associated with computer assembly times and storage fees, taking into consideration the number of full and part-time assembly workers, overtime wages and maximum storage capacity
- Solved the model with the CPLEX optimization software to produce a computer system production schedule that met production deadlines in a timely fashion

EXPERIENCE:

Financial Investors Inc., *Assistant to the President*, Dallas, TX Summer 20xx

- Assisted investment advisor managing approximately one billion dollars worth of assets
- Created and tracked trade tickets, using Bloomberg software, for investment transactions made through several major financial management and advisory firms, such as Merrill Lynch and Morgan Stanley
- Maintained and reviewed balance information for numerous accounts

Telecommunications Inc., *Product Sourcing Group Intern*, Plano, TX Aug 20xx – Jan 20xx

- Supported the selection of telecommunication equipment suppliers based on an optimal balance between their cost and reliability
- Point of contact and tracked the qualification testing and production progress of outsourced products

ACTIVITIES:

Theta Tau Engineering Fraternity, President
Society of Women Engineers (SWE), Historian
Association for Prospective Engineers (APES), Vice President

AWARDS

President's Scholar	Engineering Fellows Scholar
SMU Distinguished Scholar	SMU Mustang Scholars