### Jackson Caruth

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**EDUCATION: Southern Methodist University** Dallas, TX Bobby B. Lyle School of Engineering Grad Date: May 20xx

Bachelor of Science in Management Science GPA: 3.17

Minor in Mathematics

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

**RELEVANT** Introduction to Management Science, Operations Research, Microeconomics, Macroeconomics,

**COURSES:** 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** Fall 20xx

* 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** Spring 20xx

* Implemented 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