

## Internship Program for Graduate Students of Interest in Operations Research and Computer Science.

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**Candidates:** This position is **only** for graduate students who master Operations Research and Computer Science with preference to PhD students. Both full-time and part-time availability is acceptable with preference given to full-time.

**Location:** Next to HongQiao Development Zone in ChangNing Dist, Shanghai, China.

**Experience:** Three years in software development with experience using C++. Requires knowledge in linear and integer programming; network flows, graph theory, column generation, and large-scale optimization. At least one project experience in relevant area.

**Qualification:** The candidate **must** have **excellent** communication skills in English, both written and verbal; Works well in a team environment; Participates in group design and brainstorming sessions; Strong problem solving and analytical skills.

**Technical Skills:** C/C++ Object Oriented development. ILOG CPLEX, Concert Technology experience a plus. Experience with Unix and/or MS Visual Studio, version control management systems, memory/performance/code profilers is preferred. Oracle SQL a plus.

**Contact:** Email with your resume to [Xuehua.Lu@sabre.com](mailto:Xuehua.Lu@sabre.com). If you have any question, please call: 135 0170 3961.

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Sabre Holdings is a U.S. based high technology Company which connects people with the world's greatest travel possibilities by retailing travel products and providing distribution and technology solutions for the travel industry through our three companies: Travelocity, Sabre Travel Network and Sabre Airline Solutions. Headquartered in Southlake, Texas, Sabre Holdings has approximately 9,000 employees in 59 countries. Full year 2006 revenues totaled \$2.8 billion. Sabre Airline Solutions provides the most comprehensive set of solutions and services to optimize operations and reduce costs for airlines, airports and government agencies. Our team members are people who take initiative, are resourceful and innovative, and are passionate about what they do. In return for their hard work and dedication, the company provides our employees with countless learning and growth opportunities, a healthy work-life balance and a fun, yet productive, work environment.

The Operations Research Development Team develops and supports the optimization components across many product areas within the Sabre Airline Solutions, including airline crew planning and scheduling, airport resource management, and operations recovery. The duty includes designing, coding, testing, and debugging complex optimization software using advanced OR technologies. Making recommendation to improve the design and quality of the OR engines and optimization components, performing applied research and designing/developing new algorithms and methodologies are also our routine tasks.

We always look for motivated, innovative individuals to supplement our elite OR Dev team. If you are interested in developing leading edge optimization engines to help drive the competitive edge for the airlines, if you are looking for a challenging career at a company that values Operations Research as essential to the success of its products and future growth, please contact us soon. You can also visit our web page at <http://www.sabre.com>.

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