

# IBM T.J. Watson Research Lab

## Software Technology Department

### 2014 Internship Opportunities

The Software Technology Department at IBM T.J. Watson Research Lab in New York is looking for top students interested in all areas of programming languages and software engineering, including:

- Programming models and their implementation for concurrency, distribution, cloud, and heterogeneous systems (FGPA, GPU, etc.)
- Tools and techniques for software security, quality, and performance
- Metrics driven approaches to software development
- Collaborative and social issues in software development
- Flexible modeling
- Human-computer interaction and usability of software engineering tools
- Data centric computing, NoSQL data store and Big Data related topics.
- Advanced middleware services for hybrid systems
- Performances modeling and optimization
- Cloud computing
- Distributed systems and resource management

Our summer internship program provides students with a unique opportunity to experience the research environment here at IBM. The program is highly competitive, and is designed for top students who are interested in tackling challenging research problems. Many of our student interns have filed patents, authored papers, or even theses, out of their sojourn with us; have contributed to open source projects; and/or have contributed to IBM products.

The **Software Technology Department** performs leading research in a number of areas, all centered on making software development and deployment more efficient and effective while improving productivity of the organizations and quality of the resulting software.

More information on our department and internship program is available here: [http://researcher.ibm.com/researcher/view\\_project.php?id=1811](http://researcher.ibm.com/researcher/view_project.php?id=1811). More information on jobs at IBM may be found at: <http://www.research.ibm.com/about/career.shtml>. If you have any questions, contact our 2014 internship coordinator, Sunil Shukla ([skshukla@us.ibm.com](mailto:skshukla@us.ibm.com)).