

# Kuljot Singh Anand

[anandk@mit.edu](mailto:anandk@mit.edu) | [www.ksanand.com](http://www.ksanand.com) | 617-894-6521

## EDUCATION:

**Massachusetts Institute of Technology**

**Cambridge, MA, USA**

- Candidate for Bachelor of Science in Mechanical Engineering (Concentration: Electrical Engineering); minor in Theater. Expected to graduate in 2013. GPA: 4.2/5.0

## EXPERIENCE:

**Trading Analyst**

**J.P. Morgan Investment Bank – Cross Asset Solutions**

**Jun 2012 – Aug 2012**

**New York, NY**

- Structured a new trade to obtain both Emerging Market Rates and FX exposure. The trade is now a part of the group's product suite available to Sales desks across the firm.
- Created a new benchmark model for the group to price trades involving the in-house built index spanning Commodities, Rates and FX.

**Undergrad Researcher**

**Auto-ID Labs, MIT – RFID Solutions**

**Mar 2011 – present**

**Cambridge, MA**

- Conception and manufacturing of extremely low-cost Radio Frequency Identification (RFID) tag antennas with Prof. Sanjay Sarma.
- Filed provisional patent on a new design low-cost fluid-level sensor; licensing the sensor to battery monitoring firms.
- Leading the project to design moisture and nitrate level sensors.

**Country Risk Analyst**

**J.P. Morgan Investment Bank – IB Risk**

**Jun 2011 – Aug 2011**

**New York, NY**

- Conducted a thorough review of Tanzania for the group's annual country review initiative using World Bank reports and internal research.
- Identified macro trends influencing investment potential. Built a capital inflows/outflows model to predict sovereign risk policy, assigning scores to riskier nations.

**Credit Risk Analyst**

**Bank of Nova Scotia – Credit Risk Analytics**

**May 2010 – Aug 2010**

**Toronto, ON**

- Created a model using bank's internal methodology and one using external methodology, for the 'Probability of CDS spread-implied default'.
- Presented findings between the two models – primarily the external model's flawed assumptions – to the regional head of Global Risk.

## LEADERSHIP:

**President**

**Association of Student Activities**

**Apr 2012 – present**

- Lead a team of 10 to provide support services – recognition, conflict-resolution and advocacy – to 470 student groups. The team's work is integral in the allocation of \$150,000 amongst recognized student groups.
- Remodeled communication practice, recognition policies, recruitment rules, and space allocation. Currently rebranding the services provided by the ASA to cater to the graduate community, and foster a stronger MIT community.

**Co-Captain**

**MIT Bhangra Competitive Dance Team**

**Apr 2011 – Apr 2012**

- Choreographed a routine and trained a team of new dancers to compete at the regional and national level.
- Performed at the Boston Bhangra Competition – the biggest Bhangra competition in USA. 3<sup>rd</sup> place winner of Boston's HipHop competition.

**Founder & President**

**EnergySmart Community Program**

**Jun 2007 – Aug 2009**

- Created and implemented a program aimed towards education on environmental issues – the Toronto based program replaced incandescent light bulbs with CFLs, and served over 2500 households. The program raised \$100,000 in funding for 5 years.
- Link to article about program: <http://spectrum.mit.edu/articles/normal/saving-energy/>

**Flight Sergeant**

**Royal Canadian Air Cadets**

**Nov 2004 – Jun 2009**

- Served the *Royal Canadian Air Cadets* as Flight Sergeant for 4 years. Instructed incoming cadets on Aviation Mechanics, and Leadership.
- Received a **Private Pilot's License** through the Air Cadets Power Pilot Scholarship Program.
- Sole Recipient of the '**Legion Medal of Excellence**' out of 500 cadets for exceeding training, community service and leadership standards.

## OTHER:

**Treasurer**

**MIT Class of 2013**

**Mar 2010 – present**

**Board Member**

**Sloan Business Club – Entrepreneurship Board**

**Nov 2009 – present**

**Leadership Counselor**

**MIT Freshmen Urban Program; MIT Leadershape**

**Apr 2010 – present**

**President**

**MentorConnection**

**Apr 2012 – present**

## AWARDS AND ACHIEVEMENTS:

- **Canada's Top 20 Under 20, 2009** – determined by Canada's 'Youth in Motion' and Order of Canada recipients.
- Provincial winner of DECA (International business club) Provincial Entrepreneurship competition.
- Third place winner of MIT's school-wide Entrepreneurship Competition in 2009. Won over seniors and grad students as a freshman.
- "**Brampton's Citizen of the Year**" Award in a city of over 500,000 individuals.

## SKILLS AND AFFILIATIONS:

- Proficient in English, Punjabi, Hindi and Urdu. Beginner French.
- Advanced Excel and Access; Intermediate Java, Python and Matlab.
- Phi Sigma Kappa Fraternity – Omicron Chapter MIT.
- IEEE – Member.