

# Agrim Singh

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## EDUCATION

**Bachelor of Engineering**, Singapore University of Technology and Design, Singapore, Class of 2016

**Singapore GCE A Levels**, Anglo – Chinese Junior College, Class of 2012

## REL. COURSES

Introduction to Design, Computational Structures, Introduction to Algorithms, Introduction to Information Systems Technology and Design, Operating Systems, Elements of Software Construction

## PROJECTS

**Runners' Up, Travel and Tourism Hackathon, organized by Singapore Tourism Board, November 2014**

Created atmosphr.io – “the world’s first time invariant travel system” using VR. Awarded Best Creative Product.

**Winners, Startup Asia Hackathon (Chevrolet challenge), organized by Tech In Asia, May 2014**

Designed a web-app for Manchester United fans in South-East Asia that promoted a virtual pub match experience. Team won top prize of a trip to Old Trafford to watch Man. United play in the Premier League.

**Winners, Enabling Community coLAB, organized by UP Singapore and SG Enable, April 2014**

Built an independent navigation and environmental analytics system for the visually challenged using the Google Glass platform and Arduino. Product also finished finalists for the SG Enable Jumpstart Grant Awards.

**Runner-up, NUS Hack&Roll Hackathon 2013, organized by NUS and Palantir, January 2014**

Created a web app that made use of backward vector path regression models based on raw government data on temperature, rainfall, public cleanliness and current dengue clusters to predict dengue outbreak in Singapore.

**Finalist, Apps4SG, organized by Infocomm Development Authority (IDA), November 2013**

Team leader at a national app development competition centered around use of government data and Singapore on a hardware hack + app that promoted energy efficiency around the house.

**Winners, E3 Hackathon, organized by UP Singapore, Singapore Power and EMA, September 2013**

Developed a mobile app that allows the user to determine how much energy one needs to save to purchase a desired item. Final Pitch may be seen here: <http://vimeo.com/77386739>

**Best 24 Hour Hack, Ideas Inc. #startathon, organized by Nanyang Technopreneurship Centre, August 2013**

Created an app that dealt with cyber addiction. App was voted as the best hack of the event.

## WORK EXPERIENCE

**Co-op Engineer, Advanced Micro Devices (AMD) Singapore (May 2014 – August 2014)**

Summer Internship Programme with the Advanced Test and Characterization (ATaC) team. Responsible for:

- Developing a **Data Integrity Tool** in Java and Python that checks GPU test files for content correctness and encourages client/stakeholder involvement through maintenance of rule files.
- Facilitating the setup of an “*Innovation Central*” focused on promoting innovation as a culture in the Singapore office through the creation of flow-plans that were implemented in July 2014.

**Undergraduate Researcher, Opportunity Lab – Ho Chi Minh City Community Design Workshop (November 2013 – January 2014)**

Research project that focused on understanding urban problems in Phu Xuan district (Ho Chi Minh City) and using engineering approaches to address them.

**Head IT Consultant and Designer, Together For A Cause (Feb 2013 – Dec 2013)**

Lead designer, web administrator and a volunteer for a student-initiated, project-based non – governmental initiative being run from New Delhi, India.

**Product Design Intern, VenExel (August 2013)**

Worked on background research, market analysis and designed UI/UX elements with focus on two projects on developing a WiFi phone in Singapore and a cyber-addiction prevention software.

## INTERESTS

Renaissance Music, Fantasy Football, Whisky appreciation, Competitive Eating, playing keyboards/keytar

## CO-CURRICULAR

Model United Nations, Quiz, Debates, SUTD Bands (Keyboardist), ThinkerGlobe (Executive Comm)

## SKILLS

Java, Python, HTML, CSS, Rapid Prototyping, Wireframing, Photoshop, Illustrator, Public Speaking