Samarth **Madduru**

STUDENT · RESEARCHER

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"To define is to limit."

Education

Adlai E. Stevenson High School   *Lincolnshire, Illinois*

STUDENT (JUNIOR)   *August, 2014 - May 2018*

- Taking 7 college-level courses in high school. Have taken 3 college-level courses in the past year with focus in math and computer science.

Experience

James A. Lovell Federal Health Care Center   *North Chicago*

HUMAN BEHAVIOR AND COGNITIVE SCIENCE RESEARCHER   *2016*

- Researched stimulants of PTSD and biomarkers for precise identification of PTSD patients.
- Utilized eye-tracking software to offer pre-diagnosis of heart disease in PTSD patients.

IndianRaga   *Remote*

MARKETING AND DATA INTERN   *April 2016 - August 2016*

- Search engine optimized IndianRaga's website in common search engines
- Implemented a platform for user interaction on the website itself. Users are able to access and create forums, publicly post and send direct message.
- Increased discoverability of YouTube videos on their channel
- Implemented Facebook Ads and other ways to promote pages on Facebook. Used A/B testing to best target messages to people.

Honors & Awards

STATE-LEVEL

2013	**Finalist**, Illinois History Exposition	*Springfield, Illinois*
2014	**Finalist**, Illinois History Exposition	*Springfield, Illinois*
2014	**Gold Medal**, Illinois Science Fair	*Springfield, Illinois*
2015	**Finalist**, Illinois History Exposition	*Springfield, Illinois*
2016	**First Place**, Illinois History Exposition	*Springfield, Illinois*
2014-2016	**Gold Honor Roll**, Adlai E. Stevenson High School	*Lincolnshire, Illinois*

NATIONAL

2016	**Finalist**, National History Day	*Univ. of Maryland*
2016	**Best Delegate**, MUNUC, CSMUN, SMUNC, SIMUN	*Chicago, Illinois*

Program Committees

2015-2017	**Organizer & Co-director**, Worldwide Youth in Science and Engineering	*Adlai E. Stevenson High School*
2014-2017	**President & Director**, National History Fair	*Adlai E. Stevenson High School*

Skills

Java, Hadoop, R, Python, HTML/CSS/JavaScript, Search Engine Optimization, Calculus