

# Aakash Pydi

Computer Science, Applied Statistics & Economics

Purdue University, West Lafayette, IN

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[www.aakashpydi.com](http://www.aakashpydi.com)

## EDUCATION

Purdue University – West Lafayette, IN

Bachelor of Science (B.Sc.) in Computer Science, Applied Statistics and Economics

**Junior**, Expected May 2017.

**Cumulative GPA: 3.95**

## Awards

- Purdue University College of Science Scholarship Award (August 2015)
- Purdue University Computer Science Department Scholarship Award (April 2014)
- First Place in the CS180 Android Application Design Competition (April 2013)
- Dean's List and Semester Honors (Every Semester)

## Relevant Courses

Computer Science: Object Oriented Programming (A+), Programming in C (A), Computer Architecture (A), Systems Programming (A+), Data Structures and Algorithms (A-)

Mathematics: Calculus I & II & Multivariate Calculus (A+, A+, A+), Intro to Statistics (A+)

## Certification

Oracle Certified Professional, Java Standard Edition 6 Programmer.

## RELEVANT PROJECTS

**STTI's Peer to Peer Online Educational Platform** (*Current. Univ. of Pennsylvania and Purdue University*)

- Developing iOS, Android and web applications that will serve as the peer to peer online collaborative educational platform of the Student Think Tank for India.
- This tech. platform will complement the moderator framework of the Student Think Tank for India whose collective aim is to promote critical thought through civic engagement in Indian schools and colleges.

**Basic HTTP Server** (*Nov, 2014. Systems Programming Course, Purdue University.*)

- Implemented a HTTP server, that allows HTTP clients to connect to it, in iterative and concurrency modes (single process, new process, new thread, pool of threads to service each client request).

**The Shell Project** (*Oct, 2014. Systems Programming Course, Purdue University.*)

- Built a Shell interpreter like CSH using a lexical analyzer and parser. Carried out in/out/err redirection and implemented additional subsystems ([aakashpydi.com/projects](http://aakashpydi.com/projects)).

## EXPERIENCE

**Founder and President** (*Jan 2014-Current*)

*The Student Think Tank for India. (Uni. Of Penn, Purdue Uni., Ambedkar Uni, Symbiosis Uni, Hyderabad, Delhi).*

- Lead a diverse, cross functional team that strives to promote critical thought and civic engagement in Indian schools and colleges. ([www.facebook.com/StudentThinkTankForIndia](http://www.facebook.com/StudentThinkTankForIndia)).
- Organized the development of four active STTI chapters in Purdue University (West Lafayette), Ambedkar University (Delhi, India), Symbiosis University (Pune, India) and Delhi Public School (Hyderabad, India).
- Oversee the functioning of the technical, operations and content development teams.

**President** (*Jan 2015*), **Vice President** (*Jan 2014-Jan 2015*)

*Purdue Economics Association, Purdue University.*

- Spearheading an initiative called "Economics Every Boilermaker Should Know" where we publish important information in the Resident Assistant magazines circulated in all Purdue University dorms.
- Organizing policy discussions in collaboration with the Krannert School of Management.

**Research Assistant** (*June 2014- Current*)

*Research Assistant to Srinivas Parinandi (Ph.D candidate at UMich, MSc from LSE, BA from UVA).*

- Designing spatial regression models to predict and analyze the rate of adoption of renewable energy standards in the United States.

**Research Associate** (*May 2013 – Aug 2013*)

*Foundation for Democratic Reforms, Hyderabad, India.*

- Completed two research projects that analyzed the drivers of India's unhealthy current account deficit, inflation rate and fiscal deficit. Published short articles on governance reforms.

**Financial Analyst Intern** (*May 2013 – Aug 2013*)

*KARVY Stock Broking Limited, Hyderabad, India.*

- Analyzed the requirements of clients and prescribed the suited financial products offered by KARVY.