

Résumé

Kishlaya Jaiswal

Profile

Second year undergrad, an avid researcher in most disciplines of science, with focused interests in advanced mathematics and software programming. Continually seeking opportunities to advance knowledge in areas of math, engineering and latest in emerging technology.

Favorite pastime includes seeking and solving challenging assignments in field of mathematics, developing dynamic and functional websites (from conceptualizing to deployment) and research.

Academic Qualifications

- 2012 - 15 : Graduated High School from St. Fidelis College, India
- 2015 - 16 : B.Tech. (partial) in Computer Science & Engineering from Indian Institute of Information Technology Manipur
- 2016 - Present : Pursuing B.Sc. (Hons.) in Mathematics and Computer Science from Chennai Mathematical Institute

Honors And Awards

- Proved a new mathematical result, Kishlaya's Identity.
- Qualified Regional Mathematics Olympiad 2013.
- Gold Medalist at SOF's International Mathematics Olympiad & National Cyber Olympiad and Silver Medalist at National Science Olympiad.
- College Tech Guru and winner of Shining Star (IT 2014) of the year award.

Technical Competencies

I started programming at the age of 7. Back then, I could C# but now I wear glasses. Nevertheless, experimentation has turned me into the following:

- Haskellist for eternity
- Julia got my mathematics projects under cover.
- Crawling into Python libraries is always an open option for me.
- Significant experience designing dynamic websites using HTML5 and CSS3 Experimental Features, CSS Preprocessor SCSS and SASS libraries (Bourbon and Compass) and not to miss out on Bootstrap.
- In love with Nodejs. Besides, I have also been in a relationship with modern JS frameworks like Express, SocketIO, jQuery, CoffeeScript, Angular, Google Polymer.
- This document was typeset in L^AT_EX.

Experience

- June 2017 - July 2017 : Intern at AimsQuant
Developed forward testing of investment strategies
Created a backend request scheduler
Integrated IJulia/IPython interactive notebook in the web-app to facilitate interactive financial research
- 2015 - 2016 : Proofathon
Helped to create online mathematical contest for high school students
Contributed to problem writing and website development

Activities

- August 2015 : Adventures of The Mind
Achievement-focused mentoring camp for the most promising high school students. Got selected and sponsored by Brilliant.org.
- August 2017 - December 2017 : Teaching Assistant
Teaching Assistant for the course Programming in Haskell, instructed by Prof. S P Suresh
- January 2018 - April 2018 : Teaching Assistant
Teaching Assistant for the course Advanced Programming, instructed by Prof. Samir Datta

Interests

Algorithms, Data Mining, Machine Learning, Theory of Computation, Functional Programming, Commutative Algebra, Galois Theory and Problem Solving/Brainstorming

Contact

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