Kishlaya Jaiswal

Chennai Mathematical Institute
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OBJECTIVE Third 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

EDUCATION *High School:* St. Fidelis College (Percentile 89.6) 2012-15
B.Tech. (partial): Computer Science & Engineering, Indian Institute of Information Technology (Overall GPA 9.9) 2015-16
B.Sc. (Hons.): Mathematics & Computer Science, Chennai Mathematical Institute (Current GPA 9.2) 2016-present

ACADEMIA RESEARCH Topology, Riemann Surfaces, Commutative Algebra, Galois Theory, Analytic Number Theory.

TECHNOLOGY SKILLS *Programming Languages:* Haskell, Julia, Javascript.
Operations Technologies: AWS, Docker, CI/CD.
Web Backend Technologies: HAProxy, NodeJS, MongoDB, PostgreSQL, Redis, Sendgrid, MailTrap, SocketIO.
Web Frontend Technologies: Elm, ReactJS, Bootstrap, SASS/SCSS, Gulp, Bower, NodeJS, CoffeeScript, Google Poylmer.
Typesetting Systems: XML, LaTeX.

EXPERIENCE *Julia Intern* June 2018 - August 2018
AimsQuant, Delhi
- Integrated fundamental data stock for extending financial research operations

Haskell Intern May 2018 - July 2018
Vacation Labs, Goa
- Built a real-life customer-facing project in Haskell
- Introduced Elm into the tech-stack as a side effect

Backend Engineering Intern June 2017 - July 2017
AimsQuant, Delhi
- 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

COMMUNITY SERVICE	*Problem Writer*	2014 - 2016

Problem Writer   2014 - 2016
Proofathon
- Helped to create online mathematical contest for high school students
- Contributed to problem writing and website development

Web Dev   2015 - 2016
College Tech
- Developed college website

EXTRA-CURRICULAR ACTIVITIES

Advanced Programming, instructed by Prof. Samir Datta, *Teaching Assistant* January 2018 - April 2018

Programming in Haskell, instructed by Prof. S P Suresh, *Teaching Assistant* August 2017 - December 2017

Achievement-focused mentoring camp for the most promising high school students. Got selected and sponsored by Brilliant.org,   August 2015