

MATHURA GOVINDARAJAN

Equipped with experience hardware and accessible software development and an avid interest in design, my passion is bridging the gap between design and technology.

Work

- May 2016 - Aug 2016 **Processing Foundation/NYU Ability Project**
Summer Intern, Accessibility
Added accessibility features to the p5 (Javascript library for visual art) web [IDE](#) for people with low vision and blindness.
- Jan 2016 - May 2016 **Interactive Telecommunications Department (ITP - NYU)**
Student
[Energy@ITP](#) - Member of the team that developed interactive screens to visualise energy usage at ITP. This project also won an award at ITP for making meaningful use of [Enertiv](#) data.
Member of the team that worked on experimenting with the effects of music and sound vibration on pyrocystis. This project was published in [NYTimes](#).
- Jun 2013 - May 2015 **Goldman Sachs Pvt. Ltd, Bangalore**
Technical Analyst, Private Wealth Management
Member of the team responsible for computing and delivering speedy and accurate data reports to our sales team.
Re-engineered the data schema and analytic tools, increasing the productivity of the sales force and management.
- Aug 2013 - May 2013 **National Institute of Technology Karnataka (NITK)**
Student, Signal Processing Lab
Published "[Early detection of Alzheimer's Disease](#)" at IEEE Spices 2014 (Calicut, India) and presented the same at the International Engineering Symposium 2013, Kumamoto University, Japan
- May 2012 - Jul 2012 **Goldman Sachs Pvt. Ltd, Bangalore**
Summer Intern, Private Wealth Management
Implemented cloud storage capabilities and developed a secure web portal that increased the ease of access and distribution of data.
- May 2011 - Jun 2011 **Indian Institute of Science, Bangalore**
Summer Intern, Supercomputer Education and Research Centre
Benchmarked various standard and non-standard cache implementations using [Pin](#) and developed cache simulation in C. This was later used to analyse cache memory requirements in smart phones.

Education

- Sep 2015 - May 2017 **M.P.S., Interactive Telecommunications Program**
Tisch School of the Arts (NYU)
- Aug 2009 - May 2013 **B.Tech., Electronics and Communication**
National Institute of Technology Karnataka
Aug 2009 - May 2013

Contact Information

Portfolio:

[mathuramg.com](#)

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Github: [mathuramg](#)

Skills

Programming

Javascript, HTML, CSS
Arduino, MATLAB, Git,
Processing, SQL, C/C++

Design

Inkscape, Illustrator,
Balsamiq

Fabrication

Woodshop, Metal and Wood
Turning, Laser Cutting,
Sewing

Platforms

Windows, Mac OS and UNIX

Extracurricular

Teaching Assistant, Lower East Side Girls Club, NY

Assisting girls of ages 13-16
to build electronic projects.

Placement coordinator

Recruiting organizations and
procuring jobs for peers in
undergrad

Technites, NITK

Member of undergraduate
hobby electronics club that
developed interactive pieces
for student fest.

Stage Design

Co-headed stage design and
publicity for a college theatre
production supporting
children's education