

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 - Nov 2016 **Processing Foundation/NYU Ability Project**
Summer Intern (May 2016-Aug 2016), Accessibility
Student Researcher (Aug 2016-Nov 2016), Accessibility

Added accessibility features to the [p5](#) (Javascript library for visual art) web IDE for people with low vision and blindness. This is an [open source project](#) that is currently in development.

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 2015 (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

Contact Information

Portfolio:

[mathuramg.com](#)

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Github: [mathuramg](#)

Skills

Programming

Javascript, HTML, CSS
Arduino, Git, Ruby on Rails,
SQL, C/C++, MATLAB

Design

Illustrator, Inkscape,
Sketching

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 learn basic electronics
through projects.

Placement coordinator

Recruiting organizations and
procuring jobs for peers in
undergrad

Technites, NITK

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

Stage Design

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