

# 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) (CGPA-N/A)

Aug 2009 - May 2013 **B.Tech., Electronics and Communication**  
National Institute of Technology Karnataka (CGPA-9.36/10)

## Contact Information

**Portfolio:**  
[mathuramg.com](#)  
**Email:** [mmg542@nyu.edu](mailto:mmg542@nyu.edu)  
**Phone:** 551-227-1212  
**Github:** [mathuramg](#)

## Skills

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

**Design**  
Vectorworks, Rhino, Illustrator, 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