

# Aruna Sankaranarayanan

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## Curriculum Vitae

### Education

- 2009–2013 **Bachelor of Engineering in Computer Science**, *B.M.S.I.T*, Bangalore, 80.65%.  
First Class With Distinction, 5th in my class.
- 2007–2009 **Intermediate, CBSE**, *Kendriya Vidyalaya Malleswaram*, Bangalore, 92.4%.  
Physics, Chemistry, Mathematics, Computer Science(C++)
- 2007 **Matriculation, CBSE**, *Kendriya Vidyalaya Malleswaram*, Bangalore, 96%.  
Science, Mathematics, English, Sanskrit, Social Studies

### Projects

*Dotty*

Javascript/Desktop application(Sort of Responsive) to teach children Binary.

*TicTacTithmic*

Javascript/Desktop application, based on The Ultimate Tic Tac Toe(Not responsive).

*Shoot that  
fish!*

OpenGL game, made as part of coursework.

*Ghost or  
You?*

Desktop application to teach backward induction and dynamic programming.

*HCF*

Javascript application(with minor issues) to simulate modular arithmetic.

*The Pledge  
Algorithm*

Simulation of The Pledge Maze Solving Algorithm using Java.

*Java  
Simulation*

Java based simulation of the IEEE paper, 'Automatic reconfiguration of large scale storage systems'

*Documents  
on using  
encryption*

Several documents on how to use GPG effectively.

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github : <http://github.com/anura28>

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## Experience

### Vocational

- August, 2013–Present **Graduate Trainee Engineer**, FIDELITY INVESTMENTS, Bangalore.  
UI development for Financial applications
- Juggling a full time job along with open source contributions and pet projects.
- July–September, 2013 **OPW Intern**, GNOME FOUNDATION, (Remote).  
Worked extensively on git and Mallard. Documented and fixed small UI bugs for Seahorse and GNOME Clocks
- September, 2012–August, 2013 **Intern**, IISc, (Bangalore).  
Worked on GUIs using MATLAB to make a small application to extract real life measurements of objects from photographs.

### Miscellaneous

- July, 2013 – January 2014 **Freelance technical columnist**, *The Hindu*, Bangalore.  
Articles on things that catch my wonder and fascination.
- 2011 – Present **Member**, *Free Software Movement Karnataka*, Bangalore.  
FOSS workshops, talks, general enthusiasm and evangelism.

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## Awards

- 2009 Oracle Think.com school web developer award, national level
- 2013 GNOME OPW scholarship and internship
- 2013 Google Documentation Camp, authored a book on Mallard

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## Computer skills

- Basic Python, InkScape,  $\text{\LaTeX}$
- Intermediate JAVA, C++, HTML, MySQL, Linux
- Advanced Processing, Processing.js, git

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## Talks/ hackfests

- August, 2013 GUADEC, Brno, Czech republic
- October, 2013 Google Doc Camp, San Francisco
- December, 2013 Workshop : "Build a small interactive game with Processing"
- January, 2014 Docathon: Worked on a manual to implement programs in the Engineering syllabus using free software.

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## Languages

- Tamil **Mother tongue**
- English **Intermediate** Fluent

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## Interests

- Carnatic music
- Long walks
- Algorithms Unplugged
- Pseudo-poetry