

Aruna Sankaranarayanan

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

Experience

Vocational

- August, 2013–March 4th, 2014 **Graduate Trainee Engineer**, FIDELITY INVESTMENTS, Bangalore.
UI development for Financial applications
- Juggling a full time job along with open source contributions and pet projects.
- March 5th, 2014 – Present **Application developer**, BRAINWAVE EDUTAINMENT, Bangalore.
Part of a 2 member team that has created <http://planet-s.herokuapp.com> right from the architecture, database and front-end development.
- The app is currently being built for hand-held devices and has been released in the iStore and android store.
- 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
- May, 2014–September, 2014 **Co-mentor**, GCOMPRIS, GSOC, (Remote).
Co-mentored a student in the Google Summer of Code for the GCompris project.

Projects

*Games and
simulations
using
Processing*

Ultimate Tic Tac Toe, Pledge Algorithm Simulation, Dynamic Programming example simulation, game to teach binary

Shoot fish!

OpenGL game, made as part of coursework.

Simulation

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

GCompris commits

Contributed to an open source project called GCompris - ports of 3 activities

HistoryThinking Skills

Working on a project to improve historical analysis skills in high school children through a Qt-Quick, Javascript application

Raga

App to help people to identify a carnatic raga by playing the swaras in the Arohana and Avarohana

Miscellaneous

- July, 2013 – **Freelance technical columnist**, *The Hindu*, Bangalore.
- January 2014 Articles on things that catch my wonder and fascination.
- 2011 – **Member**, *Free Software Movement Karnataka*, Bangalore.
- Present FOSS workshops, talks, general enthusiasm and evangelism.
- July, 2013 – **Member**, *GNOME Foundation*, USA.
- Present Docs team member, working on a plugin for the GNOME Text editor gEdit

Awards

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

Computer skills

- Basic Python, InkScape, \LaTeX , MONGODB, shell scripting
- Intermediate JAVA, C++, MySQL, JAVASCRIPT, KENDUI, Linux
- Advanced Processing, Processing.js, git, HTML,

Talks/ hackfests

- Aug, 2013 GUADEC, Brno, Czech republic
- Oct, 2013 Google Doc Camp, San Francisco
- Dec, 2013 Workshop : "Build a small interactive game with Processing"
- Jan, 2014 Docathon: Worked on a manual to implement programs in the Engineering syllabus using free software.
- Oct, 2014 Scratch Workshop, Hill Hacks
- Dec, 2014 Creative Maths and Science Communication Workshop, IMSc, Chennai

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