Siddhanathan (Sid) Shanmugam

3175 John F Kennedy Blvd, Apt 904
Philadelphia, PA 19104
✆ *+1 (267) 266-9573*
✉ *siddhanathan@gmail.com*
🖥 *siddhanathan.github.io*

Education

Drexel University	Bachelor of Science in Computer Engineering	Philadelphia, PA
	Cumulative GPA: 3.88/4.0	Anticipated Graduation: 2018

Honors

2013-Present	Member, Pennoni Honors College, Drexel University
2013-Present	Dean's List, Drexel University
2013-Present	A. J. Drexel Scholarship, Drexel University

Skills

Language	English, Hindi, Tamil, Bengali, Kannada
Hardware	Arduino, Soldering, Kinect, Leap Motion
Programming	**Haskell, Scala**, Python, Java, R, Bash, OpenCV, Chuck, LISP, SQL, C++, LaTeX
Web Programming	HTML, CSS, Javascript, JQuery, RShiny, Wordpress
Software Tools	Git, Mercurial, Emacs, Vim, Yi
Computer	Blender, Google Sketchup, GIMP, Inkscape
Mobile	Android, PhoneGap, Ubuntu Touch, FirefoxOS
Operating Systems	Linux, UNIX, Windows, Mac OS X, ROS
Hobbies	Piano, Swimming, Table Tennis, Soccer, Cricket, Drawing

Experience

2014-2015	**Data Analyst,** *CDM Inc.,* Philadelphia, USA

- File Parsing: Writing parsers for text and binary formats.
- Big Data: Dealt with data which was too big to be held in memory at once.
- Web applications: Developed applications with RShiny deployed on the web.
- Cloud services: Set up a backup server for Amazon AWS instances.

2011–Present	**Volunteer**, *Canonical Ltd.,* London, UK

- Translations: Translating Ubuntu's user interface, and public documentation.
- Quality Assurance: Testing unstable software packages and finding bugs.
- Laptop testing: Testing the Linux kernel on different hardware and reporting bugs.

2011	**Volunteer**, *Sympy Development Team,* Google Code-In

- Automation: Use Sphinx to auto-document Sympy source code.

Organizations

2013-Present	Vice President: Drexel University Linux User Group
2013-Present	Technical Chair: Drexel IEEE
2013-Present	Member: Drexel Robotics Club
2013-Present	Member: Drexel ASME

Hackathons

2014-2015	Philly Codefest, 2014 and 2015
2014	Hack4Access 2014
2014	HAMR Philly 2014: Hacking Audio and Music Research
2014	Global Game Jam 2014: IGDA Philly, Drexel Jam
2012	Google Code-In 2012