Priyan **Vaithilingam**

✉ priyanmuthu@gmail.com | ⌂ priyan.info | ⌗ priyanmuthu | in priyanv

Education

Indian Institute of Technology (IIT), Indore   *Indore, India*
B.TECH. IN COMPUTER SCIENCE AND ENGINEERING | (9 OUT OF 10)   *June 2009 - May 2015*

Work Experience

Microsoft Research India   *Bangalore, India*
RESEARCH FELLOW   *Mar. 2016 - Present*
- CodeTalk: Improving programming accessibility for Visually impaired developers.
- Email Insights: Features of web search, and mobile like familiar interface to Email Search.
- PSharp: Safer Asynchronous programming language.
- SmartStick: AL and ML enabled walking stick for visually impaired people.

Microsoft India   *Hyderabad, India*
SOFTWARE ENGINEER   *June 2015 - Mar. 2016*
- Migrating the internal data services tool to Cosmos:Microsoft's big data platform.
- MACH journalist for Microsoft Internal newsletter.

Student Entrepreneurship Support Cell, IIT Indore   *Indore, India*
CO-FOUNDER & E-LEADER   *Aug. 2013 - Jan. 2015*
- Won 2nd place in National Entrepreneurship challenge on behalf of the club.
- Secured funding for incubating 5 start-ups within the institute.

Microsoft India   *Hyderabad, India*
SOFTWARE DEVELOPER INTERN   *May. 2014 - July 2014*
- Worked on Enterprise feedback management.
- Made the AI for Battleship game (internal) for XBOX Kinect.

Projects

CodeTalk: Improving Programming Environment Accessibility for VI Developers   *Microsoft Research*
Microsoft Hackathon 2017 worldwide 2nd place in Developer Category

Smartstick: AI and ML enabled smart walking stick for VI people   *Microsoft Research*
ML algorithms open sourced. Featured in Microsoft blog.

PSharp: Safer Asynchronous Programming Language   *Microsoft Research*
Open source in Git Hub

Email Insights: Faster and Relevant Email Search   *Microsoft Research*
Officially released by Microsoft

SmartLockscreen: A lockscreen which understands you.   *IIT Indore*
Top 3 in Computer Science Projects. Open sourced

BattleShip Game for Kinect   *Microsoft India*
Released internally within Microsoft

Pac-Man in 3D: With autonomous playing   *IIT Indore*
OpenGL for graphics. A* and Neural nets for AI. Open sourced

Press & Media

AI's big leap to tiny devices opens world of possibilities, Microsoft Blog   *June 2017*
Find messages faster with the Microsoft Garage's latest release, Email Insights, Microsoft Blog *Feb. 2017*

Honors & Awards

2017   **Microsoft Hackathon 2017,** Wordlwide 2nd Place (developer category)
2015   **National Entrepreneurship Challenge, 2015,** 2nd Place