Mohammed Nisham K

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ACADEMIC DETAILS

Qualification	University	Institute	Year	GPA/%
Class X	CBSE	Kendriya Vidyalaya, Kozhikkode	2011	10
Class XII	CBSE	Kendriya Vidyalaya, Kozhikkode	2013	93%
B. Tech Computer Science	Kerala University	College of Engineering Trivandrum	2017	8.8/10 (Till S6)

EXPERIENCE

- **Developer Internship, Sensomate Systems**   2015 - 16
  Development and debugging team. Projects include **BLE based navigation system** for android, an **ionic webapp**, other **Angular JS** frontend works
- **Freelance Developer**   2015 - 16
  Angular JS Tax Calculator, other Android and Angular works

TECHNICAL SKILLS

- **Languages** (C++, Java, Python, Shell), **Database** (MySQL, Elasticsearch), **Web** (HTML, JavaScript, MEAN stack, PHP), **Tools** (Android Studio, LaTeX).

PROJECTS

- **Face Recognition using machine learning**   2016
  A program written in python (opencv) and octave, that uses neural networks to classify/recognize faces.
- **BLE Navigation System**   2015 - 2016
  An android app and an Angular JS dashboard for indoor navigation using bluetooth low energy beacons. Phase 1 Complete. To be deployed in KIMS hospital.
- **Eye Pencil**   2015
  An iris tracker built into a spectacle frame coupled with a keyboard on screen. Enables paraplegic or TBI patients to type their intentions on screen. Uses opencv and a hacked ps3 camera. Won best innovation award at cetex expo.
- **IEEE Link App**   2015
  An app to serve as a unified publicity platform for IEEE LINK (Local Integrated Network of Kerala). Phase 1 released in Play Store at Kerala IEEE Technical Symposium (KITeS) '15.
- **Rom Porter Tool**   2013 - 14
  A windows batch tool to port android roms with minimum user input, 10K+ downloads.

ACHIEVEMENTS

- Completed Stanford university **Machine Learning course** from Coursera   2016
- First Place, **Game design** workshop, IEEE KiTeS   2015
- First Place, Firefox Appday, application development competition, Barton Hill, Trivandrum   2015

VOLUNTEERING EXPERIENCE

- Developed Blood Bank Donor search app for NSS cell, CET   2015
- Development mentor at Ignite women's hackathon   2015
- Conducted various Android related workshops, competitions for juniors   2014 - 15
- Conducted Robotics Project Expo at Pankajakasthuri College   2014
- Volunteer for weekly technical sessions of IEEE Computer Society, CET   2015 - 16
- Webmaster at Robotics Club, CET   2015 - 16
- Head of Android Student Club, CET   2015

PROFESSIONAL MEMBERSHIP

- **IEEE**   2014 - Present
- **IEEE Computer Society**   2014 - Present