Mohammed Nisham K

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ACADEMIC DETAILS

Examination	University	Institute	Year	GPA/%
Class X	CBSE	Kendriya Vidyalaya, Kozhikkode	2011	9.5
Class XII	CBSE	Kendriya Vidyalaya, Kozhikkode	2013	93%
B.Tech Computer Science	Kerala University	College of Engineering Trivandrum	2017	8.74/10 (Till S4)

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**
  Elastic search based search engine for legal documents, Angular JS Tax Calculator, other Android and Angular works

TECHNICAL SKILLS

- **Languages** (C, C++, Java), **Database** (MySQL, Mongo, Elastic), **Script** (Python, Shell), **Web** (HTML, Javascript, PHP, AngularJS, MEAN stack), **Tools** (Android Studio, Netbeans, LaTeX).

PROJECTS

- **Elastic Search Legal Database**   **2016 - Present**
  A search engine for a unified database of legal cases in India, with Elastic Search and Angular JS front End.
- **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 - Present**
  An android app for indoor navigation using Bluetooth low energy Beacons. Phase 1 Complete. To be deployed in KIMS hospital.
- **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.
- **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. Won **best innovation award** at cetex expo.
- **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 for Computer Society, CET   **2014**

PROFESSIONAL MEMBERSHIP AND POSTS HELD

- WebMaster at Robotics Club, CET   **2015 - 16**
- Head of Android Student Club, CET   **2015**
- **IEEE**   **2014 - Present**
- **IEEE Computer Society**   **2014 - Present**