

PERSONAL INFORMATION

Abhijith Unni



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Gender Male | Date of birth 6 February 1993 | Nationality India

EDUCATION

Post Graduate **Masters in Technology** 2016 –2018
Biomedical Engineering
Amrita Vishwa Vidyapeetam, Coimbatore

Project **Complete**

- ▶ Poincare Plot analysis for Heart Rate Variability of Acquired PPG signals and classification using Machine Learning models
- ▶ Areas: Biomedical Instrumentation, Biomedical Signal Processing and Machine learning.

Under Graduate **Bachelor of Engineering** 2011 – 2015
Electronics and Communication
University of Calicut

Project **Complete**

- ▶ Interactive Robot Guiding Visitors
- ▶ Areas: Instrumentation, Arduino, JAVA

WORK EXPERIENCE

Biomedical Engineer July 2018 – present

Company **Waferchips Techno Solutions**

- ▶ Assisted in performing clinical trials of a biomedical device
- ▶ Part of Artificial Intelligence team in developing algorithms for detection and classification of arrhythmias
- ▶ Developing algorithms for processing of ECG signals

Internship 2017 June

Company **Amala Institute of Medical Sciences and Cancer Research**

Project Familiarisation of various medical devices including X-Ray, CT, MRI, Mammogram, Dialysis Machine etc and to have an indepth knowledge about the working of each

TECHNICAL SKILLS

- ▶ Worked with tools like MATLAB, skillful in **python**(Jupyter based IDE) and learning other python based API like *Keras, Scipy, Sklearn* building upon frame-work like TensorFlow.
- ▶ Familiar with circuit design tools like LT spice and P spice
- ▶ Proficient on working over Windows and Linux based Operating platform

PERSONAL SKILLS

Mother tongue Malayalam

Other languages English, Hindi, Tamil.

- Personal strengths
- ▶ High-energy, confident and communicating across effectively to build productive environment.
 - ▶ Focused, heuristic and reflective approach in developing technical skills.
 - ▶ Motivated, able to spark interest and take initiative.
 - ▶ Dynamic professional who enjoys learning new skills and quickly adapts to progressive changes.
 - ▶ Adaptability to work as an individual, a team player and capable of embracing various competent roles diligently as situation demands.

Other skills Playing outdoor games, Listening to music, Trekking, Hiking, Water sports, Traveling, Reading...

Passport Valid