

# AADHIYA THOMAS

## Online Tutor

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📍 Doha, Qatar

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## EXPERIENCE

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### Online Tutor

#### Whitehatjr/Byjus

📅 June 2020– Present

📍 Bangalore, India

- Currently Teaching students located in the US, India, UK and Canada
  - Understand the student's project requirement, help them design their game or App, and help them develop it.
  - Grade student projects, and prepare reports on their performance.
  - Regular one-to-one meetings with the parents to let them know about the students' performance and also to get their feedback in order to give a better learning experience for the students.
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### Web Tutorial Content Developer

#### Pegheads.org (<http://www.pegheads.org/about>)

📅 Dec 2020– Present

📍 Bangalore, India

- Automate 3D animation with Artificial Intelligence. We are creating an open-source platform for creators to use and showcase their independent animations with AI assistance.
  - Experiment with different built-in models to train them with our peghead images to get the Ai generate animations for us.
  - Created plans and communicated deadlines to ensure projects were completed on time.
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### School Administrator/Secretary to the Principal

#### Loyola International School

📅 Apr 2018– Feb 2019

📍 Doha, Qatar

- Worked on managing the school student database and maintaining the software used to update student information to the ministry of education Qatar
  - Frequent meetings with the ministry of education about the new rules and updates of school policies.
  - School timetable/calendar creation, deciding different events for the school academic year, preparing reports and notification for the parents about the events, exam timetable generation, question paper evaluation.
  - Interviewing students for the admission process
  - Understanding the parents and students' requirements by listening to their feedbacks and helping them with their queries.
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### Assistant Lecturer

#### National Institute of Technology Surathkal India

📅 Jul 2015– May 2017

📍 Mangalore, India

- Taught a wide number of different courses like C programming, Java, Database Sql, Computer Networks
- Prepare the lesson plan, question papers.
- Evaluating the answer sheets, updating student database
- Updated the lab and lab manual for those subjects Guided the students with their minor and major projects.
- Worked on different projects with the students and published an IEEE paper.
- Supervised undergraduate students
- Responsible for handling the class of 80 students
- Taking Viva's for students during Internal Examinations.
- Prepare and deliver lectures, tutorials, and practical classes.
- Assess and evaluate student assignments and grade student performance.
- Prepared highly professional and enriching PowerPoints to engage students thoroughly.

## EDUCATION

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### M.Tech. Computer Networking

#### N.M.A.M. Institute of Technology College,

Deralakatte, India

📅 July 2013 – May 2015

GPA (9.36/10)

### B.Tech Computer Science Engineering

#### Alva's Institute of Technology, Karnataka, India

📅 June 2009 – June 2013

Scored (81.36/100)

- Was the secretary of the coding club in the department of computer science.
- Handled various seminars and talks conducted in the club, documented various events like guest lectures.
- Participated in different intercollege coding competitions and paper presentations.

## SKILLS

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- Research software/Tool: Google Colab, Visual Studio, Anaconda, Jupyter Notebook, Tensorflow, Pytorch
- Programming Languages: Java, C++, Python, JavaScript, C, React Native
- Usage of Github repository for code management
- Databases: Basic SQL, Firebase
- Data structures, Data visualization
- Predictive modelling, Regression
- Microsoft Office Suite
- Numpy, Pandas, Sklearn
- Network simulator software: Network Simulator 2, Omnet++, Network Simulator 3, MATLAB
- Networking protocols, Adhoc-networks, socket programming , API

## References

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## ACADEMIC PROJECTS AND PAPER PUBLICATIONS:

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- Title : WiFi -UP  
Description : It's an android application which helps us to turn on the wifi using the sensors on the device.
- Title : Behavioural analysis of PESQ algorithm  
Description : Perceptual analysis of sound quality is done to get the required QoS for VoIP communication. the voice quality can be measured by this algorithm but there are many dependencies which is studied in this analysis work.
- Paper: "Behavioural Analysis of PESQ Algorithm "in International Conference on Emerging Trends In Engineering (ICETE -2015)
- Paper: "Crowd sourcing for Disaster Relief: A Multi-platform Model "IEEE DISCOVER 2016