Prajwal B Ainapur
STREAM: B.Tech. ECE
SPECIALISATION: Data Science
Date of Birth: 05/07/1998

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Education

2015-19	NIIT University	9.45/10
	Bachelor of Technology, Electronics and Communication Engineering	
2015	Velammal Matric Higher Secondary School	92.7%
	12th (HSC)	
2013	Velammal Matric Higher Secondary School	98%
	10th (SSLC)	

Internships

Jun-Jul'16

Intern, UNO Minda
- Completed the project, "Standardisation of Product Manufacturing"
- Enabled the department in reducing the lean time in manufacturing new products.

Jun-Jul'17

Intern Trainee, Nelcast
- Underwent training on Foundry Automation using PLC systems (Siemens 7)
- Trained on SAP implementation and management.

Projects

Sept'15-Mar'16

HLIN Windows Application *(Microsoft Imagine Cup - 2016)*
- Made a One to many file sharing application using Geo-Fencing and Hardware access restriction.
- This was one of the top 10 projects in Microsoft Imagine Cup – India in 2016 for Innovation Category.

Aug-Dec'16

Modular-design based Water Quality Monitoring System for Aquaculture and Fisheries *(Innovate India Challenge – 2016, Texas Instruments and DST)*
- A smart modular system to monitor water quality through the computer.
- This project was selected for the Quarter Finals for the fore-mentioned competition.

Dec'16-Apr'17

PLoT Windows Application *(Smart India Hackathon - 2017)*
- A smart storage application for organisation to avoid redundant duplication of attachments, by using vector mapping.
- One of the final two teams for the cryptographic file sharing system.

Jan-Jun'18	**Hardware Realisation for Text Encoding** *(B.Tech. Integrated Electronics project)* • Designed a hardware model for cipher-based text encoding.
Jan-Jun'18	**Pervasive Agriculture** *(B. Tech. R&D project)* • A smart farming system using machine learning and image processing.
Aug'18-present	**Stock Market Prediction Model** *(B. Tech. Business Analytics)* • A model which utilizes statistical analysis of previous year data and the company's current fundamentals along with the sentimental analysis of the market to predict its future price.

Technical Skills

Tools	Apache Hadoop, NS2, Pymakr, Visual Studio, OpenCV, Scikit-learn, Eclipse.
Hardware	STM32, Raspberry Pi3, TI CC3200, 8051 architecture-based systems.
Languages	C, C++, Java, Python, Assembly, VHDL, R, C#.

Accreditations

Aug'16-May'17	• Secretary, Microsoft Innovation Centre
2016	• Microsoft Imagine Cup, National Finalist - 2016
2017-2018	• Microsoft Student Partner
2017	• Founding Chair. IEEE Student Chapter – NIIT University
Oct'17-present	• Student Product Developer, STMicroelectronics NV
Sept'17-present	• Project Co-Ordinator, NanoEL Project – Funded by Erasmus programme, EU.

Other Interests

• Debate and Public Speaking
• Classical Guitar – Grade 5 from Trinity School of Music, London