

ABOUT

Geeky techie passionate about designing and developing creative and innovative applications with experience in academic, corporate and remote work environment.

INTERESTS

Machine Learning **Computer Vision** Game Development **Data Visualization** App Development UI / UX Design 3D Modelling

CONTACT

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PATRICIA GEORGE

WORK EXPERIENCE

Developer

Freelancer | July 2019 - present

Challenging and enriching myself by choosing unique projects that require a wide range of skills and tools to design and develop.

Research Manager

Center for Robolution | May 2018 - July 2019

Improvised the work environment & structure and efficiently led the R&D team in the development and delivery of multiple projects.

Robotics Application Research Engineer

Center for Robolution | August 2017 - April 2018

Promoted to manage the AI team within 9 months of joining due to excellent display of technical, creative and communication skills.

Research Assistant

Clemson University | August 2015 - May 2017

Mentored a diverse group of undergraduate students on network and control systems. by designing & developing various learning aids such as game based emulators, video tutorials, instruction booklets and social media discussion groups.

ACADEMIC HISTORY

Clemson University

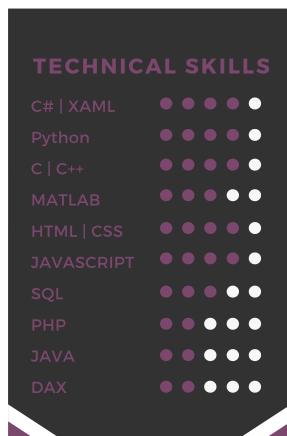
Master of Science | August 2014 - May 2016

Electrical Engineering [Intelligent Systems]

Anna University - Panimalar Engineering College

Bachelor of Science | August 2009 - May 2013

Electronics and Communication Engineering



SOFTWARE

Visual Studio	••••
Spyder	••••
MATLAB	••••
Unreal Engine	
Unity	••••
Blender	••••
SOLIDWORKS	• • • • •
Krita	••••

	os			
Windows	• •	•	•	•
Linux	• •	•	•	
Мас	• •	•	•	

PROJECTS

Mancala [Ongoing]

C++ | Unreal Engine | Blender

Modelling the 3D assets and developing the mechanics for an ancient board game.

Confidot [Ongoing]

HTML | CSS | JavaScript | SQL | Dialogflow

Powered by Google Cloud, a motivational chat bot app is being developed.

Stock Trend Predictor

Python | TensorFlow | Spyder

Classified sequential stock data into different classes based on candlestick patterns and predicted future instances.

Cricket Shot Detector

C# | XAML | Visual Studio

Built a classifier that detects the impact location of the ball [on bat] by analyzing the data from a sensor module on the bat.

The Jodhpur experience

C# | XAML | Visual Studio | Microsoft Kinect

Designed & developed a gesture based app that allows the user to virtually try on and experience sherwanis and turbans.

Store Digitalization

C# | XAML | SQL | Visual Studio | Azure | PowerBI

Multiple interconnected apps [Catalogue, Dashboard & Inventory Auditor] that can interact with the humanoid robot NAO through a cloud server was developed in order to upgrade the business model to digital.

Connected Cars Emulator

C++ | TORCS | GIMP | Linux

Using an open source car simulator as base, a codeable gaming platform was developed to be used as a tool to teach basic concepts of cooperative systems and programming.