

# Divya Susan Vinod

Columbus, OH 43202

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+1 409 440 6857

- Enthusiastic and energetic self-starter who is decisive under stressful conditions.
- Goal oriented and creative, able to work well independently and as member of a team.

Willing to relocate: Anywhere

Sponsorship required to work in the US

## Work Experience

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### **Student Assistant**

The Ohio State University - Columbus, OH

August 2021 to Present

- Student Teaching Assistant- Grader for the course "ECE 5307: Introduction to Machine Learning" under Prof. Schniter
- Teaching Assistant- Lab Monitor for ECE 2060: Introduction to Digital Logic and ECE 2020: Introduction to Analog Systems and Circuits

### **Systems Engineer**

Tata Consultancy Services (TCS) - Bengaluru, Karnataka

October 2018 to January 2021

- Programmed high-impact business applications in Appian's software development platform
- Trained customers in the use of applications, and provided a rapid resolution to bugs in applications
- Analyzed factors contributing to poor application performance, and developed enhancements to reduce issues by 25%
- Communicated with customers daily; updated them about the introduction of enhancements and plans to mitigate issues
- Earned best-team award in 2019 for software development and support
- Organized Appian Day, an event that celebrated the success of Appian and introduced new enhancements in Appian
- Mentored 20 new hires
- Earned the certificates for completing Appian Level 1 and 2 exams

## Education

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### **Master's degree in Electrical Engineering**

Ohio State University-Main Campus - Columbus, OH

January 2021 to Present

### **B.Tech in Electronics and Communication**

Mar Athanasius college of engineering

August 2014 to May 2018

## Skills

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- BUSINESS PLAN (Less than 1 year)
- MICROCONTROLLERS (Less than 1 year)
- ORCAD (Less than 1 year)
- PCB (Less than 1 year)
- C++ (2 years)
- Systems Engineering
- Software Development
- Linux
- MATLAB
- MySQL
- Machine learning (Less than 1 year)
- Python (Less than 1 year)
- OOP
- Reverse Engineering
- Pandas, NumPy, SciPy, Tensorflow, PyTorch, Jupyter Notebook
- Git
- Architecture & Engineering

## Additional Information

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### TECHNICAL SKILLS

- Programming languages: C/C++, Verilog, ASP .NET Basics, SQL, Python3 (pandas, NumPy, SciPy, Tensorflow, PyTorch)
- Experience working with Jupyter Notebook and interacting with CSV data
- Familiar with concepts of regression, classification, gradient boosting, SVMs, neural networks, and random forests
- Software development tools: GitHub, Git, Jira, Jenkins, GNU Binutils in Linux, Keil IDE
- PCB design tools: ORCAD, Proteus, CAD
- Embedded systems: Intel 8085 microprocessor, Intel 8086 microprocessor, Intel 8051 microcontroller
- Signal processing: Matlab
- Reverse engineering tool: Ghidra, GDB, IDA Pro
- Applications: Microsoft Word, Microsoft Excel, Microsoft PowerPoint
- Soft skills: time management, leadership, verbal and written communication, adaptability, teamwork, problem-solving

### ACADEMIC INITIATIVES

- Participated in a 'Metabotics Workshop' organized by Roxent Technologies in association with ACT-IIT Kharagpur.
- Participated in zonal city workshop, 'Entrepreneurship and Business Plan Workshop'.