Eeshwar Vannemreddy

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EDUCATION

UNIVERSITY OF NORTH TEXAS
MS in Computer Engineering
August 2022 | Denton, TX
Computer Science and Engineering

ICFAI UNIVERSITY
B.Tech- ELECTRONICS AND COMMUNICATION ENGINEERING
July 2018 - May 2022 | Hyderabad, India

SKILLS

PROGRAMMING
Python • Java • C • HTML •CSS • Javascript • Vulnerability Testing •BurpSuite Professional •Manual Penetration Testing • Manual Injection Testing • Scheduling • Microsoft Office • PHP • MySQL Prototyping using AdobeXD •

COURSEWORK

GRADUATE
Operating System Design
Software Engineering
Fundamentals of Database
Secure E-Commerce
Big Data + Data Science
Computer Algorithms
Secure Software Development
Software Development for AI

UNDERGRADUATE
Analog and Digital VLSI Design
Communication Systems
Control Systems
Digital Electronics + Computer Organization
Microprocessor Programming + Interfacing
RF & Microwave Engineering
Digital Signal Processing
Signals & Systems
VLSI Design for Testability

INTERESTS

- Keeping up with the latest Tech Forums
- Travelling and making new connections
- Following innovation blogs
- Photography

EXPERIENCE

INTERN ROLES

SYBERBRIGADE PVT. LTD | MANUAL PENETRATION TESTER
July 2021 - January 2022 | Hyderabad, India

- Conducted manual security testing for regular application updates.
- Documented security guidance through step-by-step operational procedures.
- Demonstrated proficiency in crafting various attack payloads to identify vulnerabilities.
- Emphasized expertise in assessing input validation and authorization checks.

SKILLBANC | WEB DEVELOPER
May 2020 - September 2020 | Oak Hill, VA, U.S.A

- Accomplished the development of automated object updating for the website using Python and JavaScript.
- Expertly resolved bugs and user-related issues, showcasing a problem-solving aptitude.
- Conducted numerous presentations elucidating Automation Code, demonstrating effective communication skills.

PERSONAL RESEARCH PROJECTS

STUDY REPORT:"WHY SHOULD I TRUST YOU?" EXPLAINING THE PREDICTIONS OF ANY CLASSIFIER August 2023 - November 2023
Introducing LIME, a model-agnostic method for interpretable machine learning predictions. It offers local explanations, addressing the challenge of opaque models, fostering trust and accountability in decision-making.

WALMART DATA ANALYTICS: DATA EXPLORATION, VISUALIZATION, AND PREDICTION January 2023 - May 2023
The project utilizes a Random Forest Regressor on Walmart sales data, achieving impressive accuracy. This enables precise sales predictions, thorough customer behavior analysis, and provides valuable insights for retailers through diverse factors.

AUTOMATION CODE- N3XTSLIDE PROJECT
July 2020 - August 2020
Developed an automated script to generate presentation slides, enabling seamless updates to the SVG code on the website with minimal user input.

STUDY REPORT: DESIGN OF TWO-STAGE CMOS OPERATIONAL AMPLIFIER IN 180NM TECHNOLOGY April 2021 – June 2021
Designing and analyzing a low-power, two-stage CMOS operational amplifier with high gain for integration into a sigma-delta ADC.

STUDY REPORT: FPGA IMPLEMENTATION OF LOW POWER AND HIGH-SPEED MULTIPLIER USING RIPPLE CARRY ADDER
September 2020 - December 2020
Enhanced hybrid full adder with high-efficiency, low-power circuit featuring superior speed and power performance, ideal for applications demanding optimized functionality.

CERTIFICATES

NXT WAVE CCBP 4.0 BOOTCAMP February 2021 | Hyderabad, India