

Python Developer Intern Python Developer Intern Electrical & Computer Engineer Houston, TX  
Degreed Electrical and Computer Engineer with Machine Learning, Digital VLSI, Computer  
Architecture, Control Systems, Embedded Networks and Power Electronics. Certified intermediate  
level Python developer. Focused Control and Design professional with strong theoretical and  
experimental methodology experience. 2 years of experience with logical programming skills using  
Verilog and VHDL. Experience with Matlab in multiple projects. Experience in Control theory and  
knowledge of analysis software LabView. Worked on Cadence tools for power and timing analysis  
for different models. Knowledge of digital design, feedback loops, system reliability, computer  
networks and statistics. Highly motivated team member with good analytical skills and excellent  
communication and interpersonal skills. Work Experience Python Developer Intern INFODAT  
International - Houston, TX May 2019 to July 2019 Working on Machine Learning models and  
developing algorithms using Python and SQL. Graduate Research Assistant Analog and Mixed  
Signals Laboratory, Oklahoma State University - Stillwater, OK January 2018 to May 2019  
Designing a custom interface for EEPROM and CPU communication. Academic Peer Tutor LASSO  
tutoring Center - Stillwater, OK August 2017 to January 2018 Worked as an academic tutor for  
subjects of Mathematics, Physics, Engineering Sciences, Electrical Engineering, Probability Theory.

Experience with formulating exceptional study plans and strategies. Control Engineer Intern  
Electronics Corporation of India Limited - Hyderabad, Telangana May 2016 to July 2016 Worked  
on project of Water level detection sensor and alarm used on railway bridges during floods on a  
small- scale model. Programming skills using raspberry pi. Design modifications and  
optimizations using control theory and feedback loops. Tools Used: Raspberry Pi, GSM sim-kit, IR  
Sensor. Education MASTER OF SCIENCE in ELECTRICAL AND COMPUTER ENGINEERING  
Oklahoma State University - Stillwater, OK December 2017 to May 2019 BACHELOR OF  
TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING Jawaharlal Nehru  
Technological University - Hyderabad, Telangana August 2013 to May 2017 Skills Python (4 years),  
C (4 years), Verilog (6 years), VHDL (6 years), Matlab (4 years), Microsoft Office (6 years), SQL (2  
years), MYSQL Links <https://www.linkedin.com/in/vishal-reddy-banala-0848a2149>

Certifications/Licenses Python 3 - Udemy March 2019 to Present Additional Information SKILL SET  
? Programming Languages: Python, SQL, Matlab, C. ? Firmware: VHDL, Verilog, System Verilog.  
? Analysis Software: Multisim, LabView, PSpice. ? Operating Systems: Linux, Mac, Windows. ?  
Microsoft Technologies: Office 365, Visual Studio, Visio.

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