

ANET LUCIYA DAVIS

Graduate Student

Graduate student at the Albert-Ludwigs-Universität Freiburg, doing masters in Embedded Systems engineering with experience in the field of testing looking for opportunities in the field of electronic manufacturing and designing sector.

EDUCATION

The University of Freiburg

Masters | Embedded Systems Engineering

📅 Nov 2020 – Mar 2022 📍 Freiburg im Breisgau, Germany

TU Berlin

Masters | ICT Innovation - discontinued

📅 Nov 2019 – Oct 2020 📍 Berlin, Germany

Cochin University of Science and Technology

Bachelors | Electronics Communication Engineering - 8.0/10

📅 Jul 2014 – April 2018 📍 Thrikkakara, Cochin

Toch Public School

Senior Secondary | Computer Science - 95.4%

📅 Juni 2012 – Mai 2014 📍 Vytilla, Cochin

EXPERIENCE

Werkstudent QA/ Support Manager

Steady Media GmbH

📅 Dec 2020 – Present 📍 Remote, Berlin

Supporting developers to conduct user interface testing.

Werkstudent Engineering

Alten GmbH

📅 Mar 2019 – Nov 2020 📍 Berlin, Germany

Associate Software Engineer

Robert Bosch Engineering Business Solutions

📅 Mar 2019 – Nov 2020 📍 Coimbatore, India

LANGUAGES

English
Malayalam
German



TECHNICAL SKILLS

C DOORS Precision Soldering
CAPL Requirement Analysis CANoe
ISTQB Certified:ITB CTFL 0095388
MATLAB CANape

PROJECTS

BMW Battery Management System PCB Validation

- End to End Module Test/Type Test on BMS BMU PCBs, using climate chamber at High, Room and Low temperature, to measure voltage and current requirements for different modules within the PCB. Precision soldering test points and trained EuP(Electrically Trained Person) for high voltage tests. Documenting test cases by close communication with the customer.

Tools Used: CANape, Oscilloscope, JIRA, Climate Chamber

Volkswagen Audi Group Instrument Cluster Functional Testing

- Functional testing on Kombi meter using Vector CANoe in compliance with ASPICE Process. Reviewed test specification, created test cases and test scripts using CAPL. Zentral Priority Manager feature owner and assisted in the test setup of a Graphical Test System to capture signals real time. Assisted in automation of a project management tool P-MAC using Python to help improve Project Tracking. Create bugs and help developers to retrace the issue.

Tools Used: CANoe, GTS, DOORS, Spyder

WiFi Controlled Farming Robot using Atmega328

- A scalable precision farming machine which can move in the X, Y and Z direction with tooling such as seed placement, watering nozzles and sensors providing 24/7 monitoring.

Smart Staffroom using Atmega328 and NRF24L01

- A circuit to control the fan speed, maintain ambient lighting and to detect the presence of a person inside a cabin within a staff room.