

Curriculum Vitae

Education

04/2018 - 10/2022

University of Stuttgart, Stuttgart
„Electrical Engineering and Information Technology“ (Dr. Ing)
Institute: Institute of Semiconductor Engineering
PhD Thesis: Investigation of Aluminum, Nickel, Titan, Germanium and Germanium-Tin as CMOS-compatible materials for plasmonic applications

04/2015 – 03/2018

University of Stuttgart, Stuttgart
„Electrical Engineering and Information Technology“ (M. Sc.)
Major: Micro-, Opto- and Power- electronics
Masterthesis: “Development of a Detector Concept for Infrared Applications with Plasmonic Antennas made from Highly-Doped Germanium-Tin”

05/2016 – 08/2016

Fraunhofer IMM, Mainz
Research stay: “Development of a Microfluidic Demonstrator System with Integrated Ge PIN Photodetectors”

09/2011 – 04/2015

University of Stuttgart, Stuttgart
„Electrical Engineering and Information Technology“ (B. Sc.)
Major: Micro-, Opto- and Power- electronics
Bachelorthesis: „Investigations on Electron Beam Lithography Processes at Low Acceleration Voltages“

09/2001 – 06/2010

Paracelsus-Gymnasium-Hohenheim, Stuttgart
high-school diploma

Employment

04/2018 – 10/2022

University of Stuttgart, Stuttgart
Institute of Semiconductor Engineering
Scientific Assistant: Lecturing and tutoring

05/2013 – 03/2018

Ipro GmbH, Leonberg
Working student: Webdesing, Webprogramming and development

10/2009 – 06/2011

community service in a day care center
Educational and facility Management activities