Thong Hoang Trinh

Software Test Engineer

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Objectives

○ Seeking opportunity to learn methods for effectively planning and contribute to testing high-quality applications.
○ Eager to apply my analytical and problem-solving abilities to contribute to optimized code meeting business requirements.
○ Motivated to learn from experienced engineers and become proficient in industry tools and processes.
○ Aiming to develop communication and teamwork abilities in a professional environment and gain valuable experience at workplace.

Some stuff about me

○ Continuous Self-Improvement: I believe in continuous self-improvement and strive to be better today than I was yesterday. This drive fuels my personal and professional growth.
○ Entrepreneurial Spirit: In 2017, I took a gap year and channeled my entrepreneurial spirit to open my own takeaway cafe. This venture honed my skills in business management, customer service, and problem-solving.
○ Resilience and Adaptability: My gap year experience taught me to be resilient in the face of challenges and adaptable to changing circumstances.

Education

2023 **Bachelor, PHYSICS AND ENGINEERING PHYSICS**, *VNUHCM - UNIVERSITY OF SCIENCE*, Ho Chi Minh City.
○ GPA: 7.21/10, Thesis: 9.5/10, Rank: 2nd in class

2017 **Intermediate professional, NETWORK AND SYSTEM ADMINISTRATION/ADMINISTRATOR**, *Information and Mass Communication Institute of Ho Chi Minh City (IMC)*, Ho Chi Minh City.

Relevant Coursework

ENGINEERING PHYSICS.
○ Quantum Mechanics, Electromagnetism, Thermodynamics, Solid State Physics, Optics, Nuclear Physics, Mathematical Physics, Introduction to Electronics, Semiconductor Devices, Semiconductor Optoelectronics

SYSTEM ADMINISTRATION.
○ Operating Systems, Network Design and Administration, Computer Security, Database Management, Data Structures and Algorithms

Technical Skills

Programming language: R, C++, SQL, Python.

Software: Proteus Design Suite, VMware, Matlab, Excel, R Studio, Originlab, Tableau, Visual Studio Code.

Operating system: Windows server, Linux CentOS, Ubuntu.

Projects

○ Effect of the growth sector boundary on the structure and characteristics of KDP crystals grown from crystal violet and EDTA added mother solution", "2023
  - Demonstrate the optimal CV(Crystal Violet) concentration for enhancing the second harmonic generation (SHG) performance in KDP crystals
  - The development process of the KCVE (0.001 mol%) single crystal rod is simulated using Matlab.
  - The KCVE samples are analyze by EDX spectra, XRD analysis, and measurements such as UV-Vis spectra, PL spectra, and second harmonic generation (SHG) effects.

(https://github.com/TomALtR/my_thesis_matlab)

○ ZNO THIN FILM COATING
  - Using sputtering, sol-gel dip coating method to coat material.
  - Applied XRD, EDX and UV-Vis to analyze the properties of each method.

○ STUDENT ATTENDANCE PROGRAM
  - Matlab project that apply Knowlegde learn through out the matlab programing subject.
  - Import files from excel to find the right data in both ID number and name then import back the new data to excel sheets.

(https://github.com/TomALtR/my_matlab_first_project)

Certifications

2017	TOEIC 600. ETS
2020	Learning How to Learn: Powerful mental tools to help you master tough subjects. Coursera
2022	Ask Questions to make Data-Driven Decisions. Coursera
2022	Analyze Data to Answer Questions. Coursera
2023	Data Analysis with R Programming. Coursera
2023	Google Data Analytics Certificates. Coursera
2023	Technical Support Fundamentals. Coursera
2023	Crash Course on Python. Coursera

Experience

12-2022 **English Teacher**, *Edupia Tutor*.
  ○ Utilized technology to enhance instruction, increase student engagement, and provide real-world learning experiences

This CV was generated using R

(https://github.com/TomALtR/my_CV/tree/main/Rstudio_CV)