This is my short cv.
For detail cv please visit **links** 📌.

Last Updated on 7th February 2023

Tuan Dat Nguyen

male - 03/12/1995 -Vietnamese - @ tuandat95cbn@gmail.com

Education

UNIVERSITY OF TRENTO
MS in Computer Science
📅 Mar 2023　　📍 Trento, IT

HA NOI UNIVERSITY OF SCIENCE AND TECHNOLOGY
Engineer in computer science
📅 April 2018　　📍 Ha Noi, VN
Thesis Traveling salesman problem with multiple drones - Grade A+

Links

🔗 GitHub **tuandat95cbn**
in Linkedin **tuandatnguyen**
⚡ cv **tuandatnguyen-longer-cv**

Skills

Self-study programming language • Python • Java • Web development • C/C++ • SQL •Nosql (redis, mongodb) •Elastic search•Hadoop, HDFS•Git•Nvim(vim) • Shell • LATEX• Docker •Dask •Spark …

SOFT
Communication • Presentation • Self Study • Time Management

Honors

MERIT SCHOLARSHIP
University of Trento - 2 years

3RD PRIZE - VNOI
Ministry of Education and Training

Recent Projects

OCEAN SOUND VELOCITY
University of Trento & OGS
📅 Aug 2022 – mar 2023　📍 Trento, IT
Build, extract, analyze, visualize, and validate ocean sound velocity dataset (big data), detect trends in climate change situations.
HPC / parallel / copernicus / dask …

OPTIMIZATION TECHINIQUES
Ha noi university of science and technology
📅 2014 – Oct 2017　　📍 Ha Noi, VN
Study, implement, and practicalize optimization techniques for combinatory problems.
CSP / Local search / choco / cbls …

Experience

STUDENT SOFTWARE ENGINEER
ICONPRO - A.I. SOLUTIONS
📅 Dec 2021 – Present　　📍 Aachen, DE
- Enhance software Automl :
  – Advanced Search, Muti-state progress screen, email template, chunking upload, integration test …
  – Comprehend, improve, and refactor legacy automl core and backend code, increase performance, stability, and maintainability.
- Integrate Ares and automl:
  – Design and implement UI for Process Optimization module.

Python / flask / shap / reactjs / docker / devops / azure / k8s

SOFTWARE ENGINEER & SYSTEM ARCHITECTURE
DAILYOPT ,.LTD
📅 May 2018 – Dec 2022　　📍 Da Nang, VN
- Planning and machine learning products: ViTrip, OCR, Agriculture planing, Trip planning, School bus routing, …
  – Design and support the development of products.
  – Deploy, implement, and scale products on different environments (on-premise, cloud).

Java / Spring / docker / aws / gcp / flask / bottle / reactjs / mysql / sql server/ dotnetnuke

DATA ENGINEER
LIEN VIET TECH,.JSC
📅 Apr 2020 – Nov 2020　　📍 Ha Noi, VN
- electronic Know Your Customer system: facesearch, face compare, check liveness **tensorflow serving / elasticsearch / mongodb / tensorflow…**

SOFTWARE ENGINEER
OLBIUS ,.JSC
📅 Jul 2017 – Jan 2019　　📍 Ha Noi, VN
- SAPA, DMS:
  – working with big RDBMS (1k tables) and olap db.
  – ranking drivers.
  – performance test.

Java / Jmeter / pentaho (pdi) /jquery …

DATA ENGINEER INTERNSHIP
VIETTEL CYBERSPACE CENTER
📅 Jul 2017 – Jan 2019　　📍 Ha Noi, VN
- Vietnam digital knowledge system:
  – ranking feeds
  – automatic extract web data tool

scala / spark / hadoop / hdfs / kafka …

ALGORITHM ENGINEER & RESEARCHER - UNDERGRADUATE RESEARCH
MSO lab
📅 2014 – Oct 2017　　📍 Ha Noi, VN
- Optimization techniques: planning transport system, timetable schedule, traveling salesman problems with multiple drones.
  – Design, research, and implement solutions for CSP.

choco / cbls /cblsvr / Greedy algo / GA / Tabu search/ SA …