

# Vuong Tuan Khanh

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## EDUCATION

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<b>HCM University of Education and Technology</b>	10/2017 - 2022
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*Bachelor of Engineering*

**Major:** *Information Technology*

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<b>FUNiX University</b>	1/2020 - 2021
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*Bachelor*

**Major:** *Machine Learning*

## EXPERIENCE

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<b>ATP - Componentpro</b>	4/2019 - present
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*Development Team's Member*

Mockup and **HTML + Markdown** designer for <https://www.officecomponent.com/> and <https://www.incredium.net/>

Participate in quality assurance, Search Engine Optimization, Document Specialist, Data Analysis, and tester of the **FireClick** project - An online tool that helps control the traffic of websites, and **Ultimate Search & Filter Shopify app** (<https://bitly.com.vn/9pMdW>)

Research and compare the competitiveness of the company's products against those of rival companies for the **ProsperTasks** project (<https://bitly.com.vn/1e4Q6>) - An application to track and manage bugs/tasks in a project

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<b>Teacher + Teaching Assistant at Mindx</b>	5/2020 - present
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*HTML + CSS + JS*

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<b>Microsoft Intership</b>	4/2020 - 7/2020
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*Engineering + GTM Intern*

- Reference:

+ **Engineering:** <https://bitly.com.vn/RDAmp>

+ **GTM:** <https://bitly.com.vn/6dDvT>

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<b>CoderSchool + Sendo</b>	10/2019 - 12/2019
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*Data Scientist Intern*

- + Designed and developed a database architecture of 7 million records from scratch using **SQL** and **JSON** format.
- + System development and optimization of **Machine Learning** algorithms used to recommend products to users.
- + Performance Improvement: Proposed and developed the **Combo-Star** algorithm - based on the search tree ideology.
- + Backend development of the **KANTA** Recommender System.
- + Reference: <https://bitly.com.vn/chlQ0>

## ACHIEVEMENTS

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<b>First prize in the "Arena Hack Brain" algorithm contest.</b>	Gameloft South East Asia- 2018
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+ Reference: <https://bit.ly/2PLhdNs>

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<b>First prize in the "Shark Tank - Shark Project" start-up project.</b>	UTE - 2019
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+ Reference: <https://bit.ly/38Dmtf0>

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<b>Full scholarship of the "Data Science" course from Developer Circles VietNam Innovation Challenge sponsored by Facebook and CoderSchool.</b>	Facebook - 2019
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+ Reference: <https://bit.ly/2LRUEWt>

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<b>Full Scholarship "FUNIX AI CONNECT WITH KALAPA"</b>	FPT - 06/2020
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<b>Top 6 in the "Game Jam" programming contest - HD Creator Team</b>	Gameloft South East Asia- 2018
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+ Reference: <https://bit.ly/38yoc1B>

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<b>Second prize of Hackathon - March 2019.</b>	UTE- March 2019
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+ Reference: <https://bit.ly/2LPORAE>

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<b>Consolation prize for Hackathon - November 2019.</b>	UTE - November 2019
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+ Reference: <https://bit.ly/2RLvYT5>

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<b>Programming Hub Certificates</b>	UTE - November 2019
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+ Reference: <https://bitly.com.vn/cNEeT>

## PROJECTS

### KANTA Mobile Application

(10/2019 - 12/2019)

<b>Customer</b>	E-Commerce Platform
<b>Description</b>	<b>KANTA</b> is an e-commerce application focus on a recommendation system.
<b>Team size</b>	3
<b>My position</b>	Data Scientist
<b>My responsibilities</b>	+ Data mining, EDA. Analyzed and built a Recommender System - Content Based. + Built a Hybrid Collaborative Filtering algorithm - Item-based and User-based. + Built Combo Star feature - a quick proposed solution based on the Search Tree model. + Developed NLP, based on TF-IdF and BoW to propose similar products.  + <b>Github</b> : <a href="https://bit.ly/2tgbw2H">https://bit.ly/2tgbw2H</a> + <b>Youtube</b> : <a href="https://bit.ly/2RP0ETu">https://bit.ly/2RP0ETu</a>
<b>Technologies used</b>	React Native, MongoDB, Python, NoSQL

### On-Cloud University Ecosystem Project

(11/2019 - 12/2019)

<b>Customer</b>	Universities
<b>Description</b>	An online university ecosystem that helps solve many practical problems.
<b>Team size</b>	3
<b>My position</b>	Data Scientist + Product Manager + SQL Developer + C# Developer (WindowForm)
<b>My responsibilities</b>	+ Data mining, EDA, analyze and build a Recommender System - Content Based. + Build functions that create + scan Barcodes and QR codes. + Building facial recognition feature with EmguCV library. + Use Bing API for translation function and .NET Mail library.  + <b>Github</b> : <a href="https://bit.ly/2sjPBHs">https://bit.ly/2sjPBHs</a> + <b>Youtube</b> : <a href="https://bit.ly/38zZAZF">https://bit.ly/38zZAZF</a>
<b>Technologies used</b>	React Native, MongoDB, Python, NoSQL, C#, EmguCV, HTML, CSS, JS

### Home Attendance software

(3/2019 - 4/2019)

<b>Customer</b>	Universities and Remote students
<b>Description</b>	A software that allows students to conduct learning and to take attendance even at home.
<b>Team size</b>	1
<b>My position</b>	Product Manager + SQL Developer + C# Developer (WindowForm)
<b>My responsibilities</b>	+ Build functions that create + Scan Barcodes and QR codes feature. + Building facial recognition feature with EmguCV library base on Eigen Algorithm. + Use Bing API for translation function and .NET Mail library, Facebook SDK.  + <b>Youtube</b> : <a href="https://bit.ly/2PGeW6j">https://bit.ly/2PGeW6j</a>
<b>Technologies used</b>	EmguCV, C#

### Someone is out there

(11/2018 - 12/2018)

<b>Customer</b>	Universities, Parents, Kids

<b>Description</b>	- A game that involves practicing English.
<b>Team size</b>	3
<b>My position</b>	Product Manager + Unity C# Developer + Interpreters
<b>My responsibilities</b>	+ Develop ideas and in-game motion + <b>Github</b> : <a href="https://bit.ly/2EgeNRC">https://bit.ly/2EgeNRC</a>
<b>Technologies used</b>	Unity, C#