

# Wu Cheng-Fu

## Basic Info

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 [phunc20@gmail.com](mailto:phunc20@gmail.com)  
 <https://gitlab.com/phunc20>  
 <https://github.com/phunc20>  
 <https://phunc20.github.io>  
 <https://www.youtube.com/@phunc20>

## Working Experiences

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<b>2024 - Now</b> (Indefinitely)	FERRARI LIQUOR (Employee and Employer) <b>Help selling My Father's Alcohols</b> <a href="https://phunc20.github.io/ferrari_website_hugo/">https://phunc20.github.io/ferrari_website_hugo/</a>
<b>2021 - 2023</b> (2 year(s))	MTI AI LAB (Document AI Team) <b>Vietnamese Diacritic/Acronym/etc. Restoration</b> <a href="https://pypi.org/project/vina2vi/">https://pypi.org/project/vina2vi/</a> <b>Seal Removal</b> Use image processing techniques to reduce occlusion of optical characters by red seals <b>Profiling and Refactorization</b> cProfile and snakeviz to locate and improve the main model's inference time by 37% <b>Re-Implementation of Evaluation Pipeline</b> Excel error analysis visualization, design of performance scores, etc. <b>Orientation Correction</b> Found a heuristic and trained a DL classification model. Both integrated into the codebase
<b>2018 - 2020</b> (3 year(s))	FPT SOFTWARE (R&D) <b>Food on Table</b> Binary classification. Test set recall: 0.90, precision: 0.97, auc: 0.94 <b>Social Distancing</b> Detection of violation of two-meter distance (video frames) <b>Clothes Distinction</b> Distinguish between shop employees and customers <b>Face Aging</b> DCGAN (TensorFlow 1)

## Skill Set

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### Computer

Languages



DL Frameworks

TensorFlow, PyTorch, Flux.jl, 🤖 Ecosystem

Others

Linux, AirFlow, AWS, Basic CICD

### Non-Computer

Languages

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## Education

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<b>2012 - 2016</b>	UNIVERSITÉ PIERRE ET MARIE CURIE Major: <i>Mathematics and Applications</i> Bac+4.5
<b>2007 - 2011</b>	NATIONAL TAIWAN UNIVERSITY Major: <i>Mathematics</i> Bachelor of Science