

Beryl Ramadhian Aribowo

PhD student

Last update: September 24, 2024

Up-to-date version of CV is available at
<https://berylgithub.github.io/cv>

Currently, I am a PhD student in the Vienna Graduate School of Computational Optimization ([VGSCO](#)). Mainly, I have a combined 8+ years of experience dealing with machine learning implementation in academia and industry.

Education

Dec 2020 - present (estimated completion on December 2024)

PhD in Mathematics

University of Vienna - Vienna Graduate School of Computational Optimization (VGSCO) - Faculty of Mathematics, Vienna, Austria.

Thesis topic: Machine learning for chemical data.

Mar 2019 - Mar 2020

MSc in Computational Science (Double degree program)

Kanazawa University (KU) - Graduate School of Natural Science and Technology - Division of Mathematical and Physical Sciences, Kanazawa, Japan.

Thesis topic: Machine learning for molecular binding.

Jul 2018 - Aug 2020

MSc in Computational Science (Double degree program)

Institut Teknologi Bandung (ITB) - Fakultas Matematika dan Ilmu Pengetahuan Alam, Bandung, Indonesia.

Thesis topic: Optimization for protein folding.

Jul 2012 - Jul 2016

BSc in Informatics






Telkom University - Fakultas Informatika, Bandung, Indonesia.

Thesis topic: Reinforcement learning for traffic light control.

Professional experience

Jan 2018 - Aug 2018

Freelance Software Engineer

Residence	 Vienna
Github	 berylgithub
LinkedIn	 Beryl R. Aribowo
University personal page	 baribowo
Email	 berylramadhian@gmail.com

(Labtek Indie, Bandung, Indonesia) Developed interactive frontend UI for government museum; (Institut Teknologi Bandung, Bandung, Indonesia) Developed backend for communication security research project.

Software engineering - frontend

Software engineering - backend

C#

Golang

Nov 2016 - Nov 2017

Machine Learning Engineer

(PT Ebdesk Teknologi, Bandung, Indonesia) Developed machine learning engines applied on various software.

Applied machine learning

Software engineering - backend

Python

Java

Additional experience

Research stay

Research stay in the Department of Materials Science & Engineering, University of Toronto, Toronto, Canada (June 2023 - November 2023).

Working in "delta machine learning for quantum chemistry" project.

Applied machine learning

High performance computing

Julia

Python

Internship

Internship in GeekStudio, Cimahi (2015).

Working in "Twitter account classification" project.

Applied machine learning

Java