Hi! You've found the Curriculum Vitae of

Satwiko Wirawan Indrawanto
Software Engineer

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📄 Online Curriculum Vitae

connect

in linkedin.com/in/satwikowirawan
Bē behance.net/satwikowirawan
📷 instagram.com/satwikowirawan

interests

🎮 video games
🃏 trading card games
🏛 model kits
✏ drawing
🖼 photography
🎞 videography
🎹 music

english proficiency

IELTS Overall Band Score 8.0
CERF Level C1
Taken April 2024

certificates

Visual Communication using Adobe Photoshop CS5
Certiport, License 90030576
Starting May 2013

A curious do-it-yourself person who tends to disassemble and repair things by myself and a dedicated computer whiz, with a well-maintained hobby in creative motion graphics and videography. Sometimes draws and occasionally plays music.

education

M.Sc. in Game and Media Technology
Utrecht University
September 2017 - August 2019

Thesis: Porting and Maintaining a Developing OptiX Path Tracer for Non-NVIDIA Devices

B.Eng. in Electrical Engineering
Institut Teknologi Bandung
August 2008 - June 2013

Final Project: Fingerprint Image Processing with Verification and Identification Design and Implementation for Automated Fingerprint Identification System

experiences

Back End Developer
Virgo (PT Capital Net Indonesia)
May 2022 - October 2023

Led a small branch development team with a focus on integrating APIs for digital goods, QRIS, and BI Snap.

Machine Learning Engineer
Midas Financials
July 2021 - December 2021

Developed a machine learning-based AI assistant for a financial tech startup running in a Google Cloud Platform microservice environment.

Computer Animation Teaching Assistant
Utrecht University
April 2019 - July 2019

Teaching Assistant on a variety of topics related to computer animation such as motion capture, blending, inverse kinematics, and physics-based animation.

projects

Komando Daerah Militer Jayakarta
September 2023 - December 2023

Designed and programmed a real-time live multi camera surveillance server using various AI detections.

Kementerian Pendidikan dan Kebudayaan
Seasonal 2021 - 2023

Indonesian Thematic Robot Contest software research and development for Kontes Robot Indonesia 2021, 2022, and 2023 under Pusat Prestasi Nasional.

confidence level

design applications

Adobe Photoshop
Adobe Illustrator
Adobe After Effects
Adobe Premiere Pro

productivity applications

Microsoft Office

programming languages

Python, OpenCV
C / C++
C#
Golang
CUDA, OpenCL
HTML, CSS, PHP