

# Hizkia Winter Simaka Purba

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## EDUCATION

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### Universitas Sumatera Utara

2020 - 2025

*Sarjana Komputer (S.Kom) in Teknologi Informasi; CGPA: 3.83/4.00*

*Medan, Sumatera Utara*

**Relevant Coursework:** Programming Fundamentals, Discrete Mathematics, Web Programming, Object Oriented Programming, Graph Theory and Applications, Computer Organizations and Architecture, Data Structures and Algorithms, Database Systems, Operating Systems, Probability and Statistics, System Analysis and Design, Artificial Intelligence, Machine Learning

## PROJECTS

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### Baroque Style Transfer | *Flask, Python, JavaScript, Docker, AWS, WebSocket*

- Built a full stack web-based application to transform videos into Baroque-Style artwork with **Flask** using ComfyUI running on RunPod GPU instances.
- Implemented **Dockerized** deployment and used **AWS** for storing uploaded video and outputs and enabled real-time processing feedback using **WebSocket**.

### Personal Website | *Next.js, HTML, CSS, Git*

- Minimalistic personal website displaying about, contact and resume.

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS

**Frameworks:** Flask, Node.js

**Tools:** Git, Postgres, AWS, Docker, Figma

**Concepts:** Software Engineering, Backend