

# 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 **with Flask** to simplify ComfyUI for transforming videos into Baroque-style artwork, running on Runpod GPU instances.
- Implemented **Dockerized** deployment and used **AWS S3** for storing uploaded video and outputs and enabled real-time processing feedback using **WebSocket**.

## TECHNICAL SKILLS

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

**Frameworks:** Flask

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

**Concepts:** Software Engineering, Backend