



CATHERINE DANIELLE

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SUMMARY

A Computer Science student with focus in Intelligent Systems, passionate about bridging technology with real-world impact. Experienced in tutoring, team-based projects, and student leadership, with a proven ability to adapt across both technical and social contexts. Strong interests in data analysis, business intelligence, and the Artificial Intelligence of Things (AIoT). Committed to continuous learning, community involvement, and using data-driven solutions to support innovation and social good.

WORK EXPERIENCE

Part-time Tutor

Feb 2025 - Present

- Mathematics tutor for primary - secondary students
- English(reading) tutor for kindergarten - primary students
- Customizes learning plans to suit each student needs and learning style
- Help students improve their academic performance and building their confidence

ORGANIZATION AND VOLUNTEER EXPERIENCE

Keluarga Mahasiswa Katolik (KMK) - BINUS University

2024 - Present

- PR Division Activist of KMK BINUS University period 2024/2025
- Treasurer of KMK - Adventure "Celestial Quest" (March - June 2024)
- Fundraising Division Staff of Pengabdian Kepada Masyarakat "Story of Love" (June- Sept 2024)
- Equipment & Logistics Division of HUT & Natal KMK (July 2024 - January 2025)
- Treasurer of LDK Activist 2025/2026 (August 2024 - January 2025)
- General Treasure of KMK BINUS University period 2025/2026

Volunteer Mengajar Paud - TFI

Oct 2023 - Des 2023

- Collaborated with a team of 5 volunteers to teach early childhood students (ages 4-6)
- Taught basic reading and writing in both Indonesian and English
- Conducted creative activities such as coloring and mosaic drawing
- Fostered a positive and engaging learning environment for young learners

School Committee

Feb 2022 - Jun 2023

- Coordinator of Band Competition Division Sang Timur Cup (Feb - Sep 2022)
- Coordinator of Equipment Division - Sound System, Sang Timur Classmeet 2022 (Jun 2022)
- Class Mentor, New Student Orientation 2022/2023 (Jul 2022)
- Supervisor of Social and Entrepreneurship Division, Class Representative Assembly (Jul 2022 - Apr 2023)
- Coordinator of Equipment Division - Sound System & First Aid (PMR), Independence Day Celebration (Aug 2022)
- Coordinator of Equipment Division - Sound System, Art Performance - PerPesta Gunita (Mar 2023)
- Supervisor and Person in Charge, Social Visit - "Chatime" (Apr 2023)
- Staff of Event Division, Prom Night "Asteration" (Jun 2023)

EDUCATION

BINUS University

Sept 2023 - Present

Computer Science | Current GPA: 3.6/4

- Focus Area: Intelligent Systems

SMA Katolik Sang Timur Jakarta

Jul 2020 - Jun 2023

Mathematics and Natural Science | Final Grade: 86.39

- Write a paper as a graduation requirement with the title "Penggunaan *Fun Reading Activity* untuk Meningkatkan Minat Baca Siswa-Siswi SMA Katolik Sang Timur Jakarta"

AWARD

Digipreneurfest Digital Bootcamp

Jan 2022 - Mar 2022

- Developing a chatbot to help UMKM in Indonesia who have experienced a decline in sales turnover during the pandemic
- Received exclusive training to learn the concept of creating a chatbot
- Successfully develop a chatbot and became the "Special Mention" and also achieve the "Favorite Chatbot Nomination"
- Chatbot result: app.smojo.org/ronald/healy.

ADDITIONAL INFORMATION

Technical Skills:

- Programming Languages: HTML, CSS, JS, Python, Java, C/C++, PHP, MySql, React.js, Tailwind CSS, Laravel, Flask, Streamlit
- AI and Machine Learning: Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, OpenCV, Natural Language Processing
- Tools: GitHub, VS Code, Figma

Soft Skills:

- Critical Thinking and Problem Solving
- Creativity and Innovation
- Initiative and Proactiveness
- Communication and Public Speaking
- Time Management and Responsibility
- Leadership, Teamwork and Collaboration

Languages:

- Indonesian (Native)
- English (Fluent)