

# NATANIEL JOSHE

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## EDUCATION

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### PETRA CHRISTIAN UNIVERSITY

Bachelor of Informatics

Cumulative GPA: 3.91/4.0

Relevant Coursework: Algorithms and Programming, Data Analytics Essentials, Database, Design and Analysis of Algorithms, Software Design and Architecture, Web Technologies, Data Structures

Surabaya, Indonesia

Jul 2024 - Present (Expected 2028)

### PETRA 5 CHRISTIAN SENIOR HIGH SCHOOL

Cumulative GPA: 94.51/100.00

Member of Student Council

Vice President of Student Council

Surabaya, Indonesia

Nov 2021 - Nov 2022

Nov 2022 - Nov 2023

## WORK EXPERIENCE

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### PETRA CHRISTIAN UNIVERSITY

Laboratory Assistant (part-time)

- Maintained and troubleshoot computer laboratory hardware and software to support teaching and practicum activities
- Collaborated with lecturers in organizing and scheduling laboratory practicum sessions

Surabaya, Indonesia

Jan 2026 – Present

Assistant Lecturer (part-time)

- Assisted lectures and guided students in Algorithms and Programming courses (Aug 2025 – Dec 2025)
- Assisted lecturers and guided students in Object-Oriented Programming (OOP) courses (Feb 2026 – Present)
- Assisted lecturers and guided students in Operating Systems courses (Feb 2026 – Present)

Aug 2025 – Present

## ORGANIZATION

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### STUDENT EXECUTIVE BOARD

Member of the Information System Department

- Led development of BEM Petra Store, an internal e-commerce platform, including backend API (Laravel), Google authentication, cart, and checkout features
- Implemented frontend interfaces using Tailwind CSS and integrated backend services, ensuring full-stack functionality
- Managed deployment on Linux-based servers and handled version control using Git
- Maintained REACH platform for internal reporting and evaluation, improving system stability and usability
- Developed admin dashboard and backend features using PHP for internal data management systems of REACH platform.

Surabaya, Indonesia

Aug 2025 – Jul 2026

### ASSOCIATION OF INFORMATICS STUDENTS

Intern of Information Systems Department

- Developed and maintained frontend features for HIMAINFRA web projects
- Built responsive user interfaces using Tailwind CSS, GSAP, and Laravel Blade
- Utilized Git and GitHub for version control and collaborative development
- Strengthened practical skills in frontend development and team-based software workflows

Surabaya, Indonesia

Mar 2025 – Jul 2025

## ACTIVITIES

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### PETRA INTERNATIONAL FILM FESTIVAL

Coordinator of IT Division

- Led IT division in developing official festival website and event ticketing system using Laravel and Livewire
- Designed ticket management functionality for international talk show events
- Developed admin dashboard for ticketing system and coordinated full-stack implementation and deployment

Surabaya, Indonesia

Jan 2026 – May 2026

## PETRA CIVIL EXPO

Surabaya, Indonesia

Vice Coordinator of IT Division

Okt 2025 – May 2026

- Supervised IT division members, delegated tasks, and ensured effective team collaboration throughout the project
- Led frontend development from design slicing to fully functional implementation and integrated it with backend systems
- Managed Git workflows including branch management, merging, and maintaining the main branch for stable development
- Developed an online SimCity-inspired simulation game for Bridge Competition (High School category), featuring resource management and scoring mechanics
- Delivered full game within 1 month, contributing to smooth execution of national-scale competition

Member of Event Division

Nov 2024 – May 2025

- Led and coordinated Closing Ceremony & National Seminar for Petra Civil Expo, managing 40+ team members, logistics, and high-profile speakers
- Served as Master of Ceremony for major event sessions including opening ceremony, workshops, and technical meetings
- Contributed to national-scale civil engineering competition involving 450+ participants across Indonesia
- Developed strong skills in leadership, event management, public speaking, and stakeholder coordination

## INFORMATICS RALLY GAMES AND LOGIC

Surabaya, Indonesia

Member of Event Division

May 2025 – Nov 2025

- Led video & content production including 4 bumpers and promotional materials for the event
- Created social media content and sponsor promotional video to support event outreach
- Served as MC for opening ceremony, game sessions, and closing ceremony, ensuring smooth event flow and audience engagement

## UNIVERSITY STUDENT ORIENTATION

Surabaya, Indonesia

Member of IT Division

Mar 2025 – Jul 2025

- Developed landing page for university freshman orientation event using Tailwind CSS, jQuery, and GSAP with API integration
- Coordinated Game Page development as PIC, managing cross-team collaboration and code integration
- Built backend features using Laravel and MySQL, including authentication, migrations, and API services

## SOOCHOW UNIVERSITY STUDENT VISITATION

Surabaya, Indonesia

Event Coordinator

Jan 2025

- Led and coordinated a student team to design and execute cross-cultural engagement activities for visiting students from Soochow University, Taiwan
- Organized campus tours, cultural exchange sessions, and introductions to Indonesian cuisine and traditional games
- Facilitated international collaboration and cultural understanding through structured event planning and execution

## ACHIEVEMENTS

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### FIRST YEAR OUTSTANDING ACADEMIC ACHIEVEMENT

Aug 2025

- Placed in the top 10% of first-year Informatics students based on academic achievement.

## ADDITIONAL

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**Technical Skills:** Advanced in PHP, Laravel, HTML/CSS; Proficient in SQL, JavaScript, Python, Java

**Languages:** Fluent in Indonesian and English.