

PETER NELSON SUBRATA

PERSONAL DETAILS

Email : peternelsonsubrata@gmail.com
Date of Birth: 16/09/2003
Major: Bachelor of Computer Science & Bachelor of Information Technology (Double Degree)
Location: Melbourne, Victoria

OBJECTIVES

I am passionately committed to advancing technology and innovation, seeking an internship where I can harness my extensive programming and AI research skills. Enriched by hands-on project experience, I am eager to contribute meaningful and cutting-edge solutions to the team. My objective is to deepen my expertise and actively participate in projects that push technological boundaries, ensuring impactful outcomes for any organization.

CORE COMPETENCIES

- Programming/Coding
- Problem Solving and analytical skills
- Data management and analysis
- Cybersecurity
- Cloud Computing/ Devops
- Communication and Collaboration
- Project management
- Ethical Concerns

AVAILABILITY

This is my timetable, I am available at any time outside of the ones presented;
Monday : 3.00 PM – 7.30 PM (Security in Computing & IT, iPhone Software Engineering)
Tuesday : 10:30 AM – 12:30 PM (Software Engineering Project Management)
Wednesday : 12:30 PM – 2:30 PM, 5:30 PM – 7:30 PM (Secure Electronic Commerce, Security in IT)
Thursday : 10:30 AM – 12:30 PM, 5:30 PM – 7:30 PM (Secure Electronic Commerce, iPhone Software Engineering)
Friday : Free
Saturday : Free

ACADEMIC EDUCATION

09/09/2021 to 10/07/2024

Bachelors' of Computer Science, Bina Nusantara University, <https://binus.ac.id>, Jakarta, Indonesia

11/07/2024 to 30/10/2025

Bachelors' of Information Technology, RMIT University, <https://www.rmit.edu.au>, Melbourne, Australia

WORK EXPERIENCE (In order of most recent to oldest)

September 2023 to Present

AI Engineer Lead, MBR Esports, Jakarta Indonesia

https://www.instagram.com/mbresportsid/?locale=en_us

Tasks Performed:

- Tasked to start the company's data science division for better game analytics
- Used several machine learning and deep learning models to accomplish this task
- Performed data collection and model testing
- Created an application as well in React Native.

September 2022 to Present

University Research Assistant, Bina Nusantara University, Jakarta, Indonesia

<https://binus.ac.id>

Tasks Performed:

- Assisted in finding suitable deep learning models for a image classification and text detection/ recognition project
- Used models ranging from RCNNs to Vision Transformers.
- Did multiple preprocessing steps including Canny edge detection, HED, Fourier descriptor, CLAHE and etc.
- Submitted several research papers to conferences.

February 2024 to June 2024

IT Consultant Intern, PT.Metro Realty, Tbk, Jakarta, Indonesia

<https://ptmetrorealty.co.id>

Tasks Performed:

- Was tasked with improving the office's network capabilities
- Used GNS3 to design the office's network system and track redundancies.
- Managed mikrotik routers and used the RouterOS command line to manipulate the router configuration
- Developed a company website using NEXT.js currently still in development to replace the current website.
- Made a simple python app for managing data for the accounting team.

October 2023 to February 2024

Web3 Game Developer, Coral Studio , Jakarta, Indonesia

<https://coralisstudio.com>

- Worked on a Web3 game to add game mechanics, animations and UI using unity.
- Used NFT libraries to integrate NFTs into a game (Unity Thirdweb SDK).
- Integrated the use of MetaMask NFTs into the game.

February 2023 to February 2024

Full-Stack Developer, GTN Consulting & Training, Jakarta, Indonesia

<https://ptgtn.com/about-us/>

Tasks Performed

- Used NEXT.js to make the frontend for a Geo Seismic data reader, used python's fastapi library and docker compose to develop the microservices architecture that holds up for the main application.
- Used geo spatial javascript libraries to plot areas of interest in a google maps embed.

November 2023 to January 2024

Project Manager and Business Analyst, Lumoshive, Jakarta, Indonesia

<https://www.lumoshive.com/home>

Tasks Performed

- Performed analysis of competitors as well as alternative solutions and provided a report for the client.
- Helped manage a team of frontend and backend developers as well as a UI/UX designer.

September 2023 to January 2024

Full-Stack Mobile Developer, OurCargo, Jakarta, Indonesia

<https://www.ourcargoindonesia.com>

Tasks Performed

- Worked on a mobile app for a 3PL cargo business using react native and nest js
- Used kubernetes to orchestrate services including service communication using kafka and container monitoring using prometheus
- Provided a fault tolerant and auto load balancing system for the application
- Hosted entirely using AWS Elastic Kubernetes Service
- Stress tested the system to ensure reliability

November 2023 to November 2023

Workshop Operator, Pertamina, Jakarta, Indonesia

<https://pertamina.com/en/home/>

Tasks Performed

- Coordinated a 3-day workshop with a team in Pertamina tower for company proprietary software.
- Set up the routers, switches and computers which will host the web application to be distributed to the workshop attendees.
- Made sure everything was operating smoothly with no disturbances.