

# NEAL GUARDDIN

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## ABOUT

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Quickly integrate new knowledge, especially in technology and design, to enhance my work and ensure I meet my responsibilities with precision. Leading with focus on the well-being of my team while also dedicating time to volunteer activities that positively impact society.

## EDUCATION

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### UNIVERSITAS INDONESIA

Undergraduate Computer Science Student, Faculty of Computer Science

Depok, West Java  
August 2024 – Present

- Accepted in early decision (SNBP) University of Indonesia Computer Science

### SEKOLAH MENENGAH ATAS (SMA) NEGERI 8 JAKARTA

High School Diploma, Major in Science Specialization Program

South Jakarta, DKI Jakarta  
July 2021 – June 2024

- Cumulative GPA: 93.47/100
- Graduated with the title of outstanding student at SMA Negeri 8 Jakarta
- Top 10 for the highest school test score, science specialization program
- Head of Mechanics Division Teksound | Web Developer of [Meta-budur](#) | Web Developer of [Beyond Invest Barriers](#) | Staff of Volleyball SMA Negeri 8 Jakarta

## AWARDS

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### 2ND WINNER OF SAMSUNG SOLVE FOR TOMORROW INDONESIA 2023

STEM Product based AI and Gamification Learning Companion Notetaking

South Jakarta, DKI Jakarta  
May 2023 – October 2023

Issued by Samsung Indonesia - National Level

- Team leader and developed an education web application based AI that won 2nd place among 309 school teams in a national STEM competition
- Received a patent from Kemenkumham RI for the innovation from this competition

## PROJECTS

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### PATENTED “[LEARNING COMPANION NOTETAKING AI AND GAMIFICATION BASED FOR STUDENTS AND TEACHERS IN CLASSROOM](#)”

May 2023 – December 2023

STEM Product based AI and Gamification Learning Companion Notetaking

Issued by Kementerian Hukum dan Hak Asasi Manusia Republik Indonesia - National Level

- Developed a new learning style with a program integrating backend Python to connect API database and ChatGPT 3.5
- Using Bootstrap, HTML, CSS, and Javascript (Jquery) to operate KeywordRGB functionally
- Using 5W+1H as the learning cycle for KeywordRGB in JavaScript and Python

## EXPERIENCES

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### TEKSOUND (TECHNOLOGY & SOUNDSYSTEM SMA NEGERI 8 JAKARTA)

July 2022 – July 2023

Head of Mechanics Division

- With Mechanics Division Team, we created an RC Car controlled via a smartphone Bluetooth remote using Python and Microbit
- Helped and organized training sessions for junior members, enhancing their skills in mechanics and technology

## SKILLS

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- **Computer Skills:** HTML, CSS, Javascript, Bootstrap Framework (Advanced), Dart (Intermediate), Python (Intermediate), C++ (Beginner), Concept Linux (Capable), Microbit (Intermediate), Raspberry Pi (Intermediate), Arduino (Intermediate), Research Skills, Design Thinking, DaVinci Resolve
- **Languages:** Fluent level or native language in Bahasa Indonesia; Working proficiency in English; Limited working proficiency in German
- **Certifications & Training:** Linux Foundation (Udemy), Samsung Certified Associate - Design Thinking (Samsung), Best Web Design C4 (Dinas Pendidikan DKI Jakarta), Uji Kemahiran Bahasa Indonesia Peringkat Sangat Unggul