

# LAVINIA NATANIELA NOVYANDI

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A highly motivated and hardworking Computer Science student with a strong passion for technology and innovation. Quick to learn new concepts, adaptable to different environments, and dedicated to delivering high-quality results. Possesses a strong problem-solving mindset, attention to detail, and a humble attitude towards continuous growth and improvement. Enthusiastic about exploring new advancements in the Software Engineering, full stack capabilities in both frontend and backend technology

## Professional Experiences

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| <b>Bina Nusantara University - Bandung, Indonesia</b><br><i>Junior Part-time Laboratory Assistant</i>  | Feb 2024 - Jan 2025 |
| <ul style="list-style-type: none"><li>Worked as a part-time assistant lecturer at Binus Bandung, instructing over 100 students from the Computer Science and Creativepreneurship programs in Introduction to Programming with Java—covering foundational Java concepts and the four pillars of Object-Oriented Programming (OOP)—as well as Algorithms &amp; Programming.</li><li>Created weekly competitive programming assignments for the Online Judge system.</li><li>Designed practicum cases for final exams in both Introduction to Programming and Algorithms &amp; Programming courses.</li><li>Completed post-training certification in Computational Physics, Scientific Computing and earning qualification to teach these areas.</li><li>Gained subject matter expertise and instructional eligibility in Web Design, Web Programming (Laravel), Basic Computer Networks, Database Design &amp; Analytics (SQL), JavaFX, Java Design Patterns , and Algorithms &amp; Data Structures.</li></ul> |                     |

## Education Level

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|---|--------------------------------|
| <b>SMAK 2 BPK Penabur Bandung - Bandung, Indonesia</b><br><i>High School Diploma science</i>    | Jul 2020 - May 2023            |
| <b>Universitas Bina Nusantara - Bandung, Indonesia</b><br><i>Undergraduate Computer Science</i> | Sep 2023 - Sep 2027 (Expected) |

## Organisational Experience

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| <b>HIMTI Summerclass - Bandung, Indonesia</b><br><i>Teaching Instructor</i>            | May 2024 - Jun 2024 |
| <b>Pengenalan Bahasa Pemograman - Bandung, Indonesia</b><br><i>Teaching Instructor</i> | Aug 2024 - Oct 2024 |
| <b>Computer Class - Bandung, Indonesia</b><br><i>Teaching Instructor</i>               | May 2024 - Sep 2024 |
| <b>Himpunan Mahasiswa Teknik Informatika - Bandung, Indonesia</b><br><i>Activist</i>   | Mar 2024 - Apr 2025 |

## Skills, Achievements & Other Experience

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| <ul style="list-style-type: none"><li><b>Achievements</b> (2021): Bronze Award Philippine International Mathematical Olympiad (PhIMO) Heat Round 2021</li><li><b>Achievement</b> (2022): Gold Award Philippine International Mathematical Olympiad Heat Round (PhIMO) 2022</li><li><b>Achievements</b> (2022): 1 prize award Guangdong-Hong Kong-Macao Greater Bay Area Mathematical Olympiad Heat Round 2021 - 2022</li><li><b>Achievements</b> (2023): 2 Prize Award Guangdong-Hong Kong-Macao Greater Bay Area Mathematical Olympiad Heat Round 2023</li><li><b>Awardee Widia Partial Scholarship in Binus University</b> (2023):</li><li><b>Hackathon 7.0 Technoscape</b> (2024): Participant</li><li><b>Web3 Competition ICP Builder Day</b> (2024): Participant</li><li><b>Research</b> (2024): Research on automatic chili pickers using a robotic arm</li><li><b>Hard Skills:</b> C, Data Structure, Java, OOP, Python, Figma, Tailwind CSS, React, Supabase</li><li><b>Soft Skills:</b> Teamwork, Leadership, Consistent, Problem Solving, Adaptive, Communicative, Time Management</li></ul> |  |
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