Ivan Grcic

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EDUCATION

Faculty of Tehnical Sciences   Oct 2021 - Jul 2025
Bachelor of Electrical and Computer Engineering

Courses: *Data Structures & Algorithms, Machine Learning, Operating Systems, Databases, Network and Web, OOP, Distributed Programming*

EXPERIENCE

Faculty of Tehnical Sciences | *Teaching Assistant*   Feb 2024 - Jul 2024

- Selected to assist in teaching a CS class during my third year of university
- Mentored and graded 32 second-year students in Object-Oriented Programming (OOP) and related technologies

Wincado | *Software Engineer*   Oct 2023 - Present

- E-commerce Shop: Managing the sale of over 50,000 technology products through an online platform
- Managing the product database and improving the website for enhanced user experience
- Scaled the product catalog from 5,000 to 50,000+ items, significantly increasing the company's inventory and sales by 250%
- Developed and implemented an automated product update feature using API integrations

EESTEC - LC Novi Sad | *Member*   Apr 2023 - Present

- Active member of the Electrical Engineering Students' European Association (EESTEC)
- Contributed to the EESTEC IT team.
- Developed an Android/iOS app connecting students with internship and job opportunities

PROJECTS

Flight Reservation System | *JavaScript, jQuery, REST, C#*   May 2024 - Jul 2024

- Developed a web application to simulate an online flight reservation system, allowing users to register, search, and purchase flight tickets
- Implemented features for airlines to manage flights, update schedules, and track ticket availability

House Lighting System | *C#, WPF, .NET*   Feb 2024 - Jun 2024

- Developed a lighting control system for buildings, managing multiple light types through a central unit, ensuring efficient energy use, fault tolerance, and user-friendly operation
- Included features for energy consumption monitoring and battery charging optimization

Outage Management System | *C#, .NET*   Nov 2023 - Jan 2024

- Developed a system to track and manage planned and unplanned power interruptions across a distribution network, incorporating unit testing for reliability
- Designed for an electricity distribution company, focusing on recording and scheduling operations efficiently

SKILLS

- Languages: *C#, C++, C, Python, Java, JavaScript, SQL, Julia*
- Technologies: *Git, .NET, ASP.NET, React, Node.js, MongoDB, Selenium*