

Vuk Djuric

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Education

Bachelor of Science in Computer Science

May 2024

Master of Science in Engineering Management

May 2024

Rose-Hulman Institute of Technology, Terre Haute, IN

GPA: 3.37/4.0

Related Courses: Object-Oriented Software Development, Computer Architecture 1 and 2, Database Systems, Data Structures and Algorithm Analysis, Intro to Web Programming, Software Requirements Engineering, Android Application Development, Software Design, Programming Language Concepts, Machine Learning

Skills

Software: Java, Python, C, C#, HTML, CSS, JavaScript, Kotlin, MIPS, SQL, Microsoft Word

Language: Fluent in Serbian, Croatian, Bosnian, and Montenegrin, some Spanish

Experience

Software Developer 1

Summer 2024 – Spring 2025

Wi-Tronix

- Engineered scalable microservices using .NET 8 to enhance backend system integration and performance
- Developed RESTful APIs in C# to support seamless data exchange for front-end services
- Resolved backend issues and developed new features in C# to support business logic and client needs
- Authored efficient SQL stored procedures to streamline data operations and improve system responsiveness
- Built and refined ASPX components to present datasets with clarity and usability
- Executed thorough release validations, ensuring production readiness and alignment with requirements
- Conducted investigations for escalations, communicating findings to enhance system reliability
- Performed peer code reviews and provided constructive feedback to uphold internal development standards
- Collaborated in Agile sprints, contributing to daily stand-ups, sprint planning, and retrospectives
- Leveraged TeamCity for CI/CD
- Utilized RabbitMQ to monitor queue performance

Software Engineer Intern

Spring 2024 – Summer 2024

Rose-Hulman Ventures

- Implemented authentication in ASP .NET 8 using FIDO passkeys and Google authentication
- Built secure, stateless login flows using JWT tokens in a Node.js authentication microservice
- Designed dynamic user interfaces using React.js
- Customized front-end behavior using JavaScript to properly render and filter API content in real time

IT Intern

Fall 2023 – Winter 2023

Sisters of Providence

- Authored user-friendly technical guides to assist non-technical staff with productivity tools
- Audited and logged hardware inventory, verifying device specifications

GlobalCopy.io

Fall 2023 – Spring 2024

Senior Design

- Developed AES and HMAC encryption modules to transmit clipboard data across networked devices
- Implemented RESTful API and local storage mechanism for persistent copy buffer data
- Built frontend components to display the user's previously stored copy buffer data
- Managed development tasks and tracked progress using JIRA

Honors

Rose-Hulman Varsity Basketball Player

2019-2023

Rose-Hulman Merit Scholar

Burger King Scholar

Illinois State Scholar