Tadija Ciric

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EDUCATION

Bachelor of Science in Computer Science, magna cum laude   Hartford, CT • May 2025
Trinity College • GPA: 3.8

- 3x NESCAC All-Academic Award winner, 2x CSCAA All-American Honors
- **Relevant Coursework:** Cloud Native, Artificial Intelligence, Software Design, Data Analytics, Deep Learning, Algorithm Analysis, Computer Security, Data Structures and Algorithms

EXPERIENCE

Zilliant   **Austin, TX**
Software Engineer Intern   *July – August 2024*

- Developed and optimized responsive React components for Zilliant's Verde Price Manager using Node.js to integrate real-time pricing data, enhancing system performance and usability
- Resolved 2-3 JIRA tickets per week, including platform development, API integration, and research tasks (SPIKES), contributing to faster project delivery across development sprints

Trinity College Computer Science Department   **Hartford, CT**
Teaching Assistant   *September – December 2023*

- Provided instructional support, grading, and assistance in lab and TA sessions for the Computer Systems and Data Structures and Algorithms courses with 15+ students
- Mentored and guided students to enhance their understanding of complex computer science concepts

ACADEMIC PROJECTS

Real Time Translation: Clarity – Senior Project   *May 2025*

- Designed and deployed a scalable iOS app enabling real-time voice-to-voice translation and voice cloning in 19 languages, integrated with a hospital mask device for patient communication
- Utilized Eleven Labs' voice cloning and synthesis APIs and integrated a SQLite database for medical record storage and data analysis, enabling personalized real-time translation with conversation history
- Won the **Travelers Prize** for Best Senior Project in Computer Science, selected from 21 contestants

AutoTagger – Event-Driven Cloud Resource Tagging Pipeline   *July 2025*

- Designed and deployed a serverless metadata tagging system on AWS using **Terraform**, **Python**, and **Lambda**, automatically processing S3 file uploads and logging structured outputs to **CloudWatch** and **DynamoDB**
- Implemented **IAM policies** for secure access control and developed unit tests using `pytest` and `moto`, ensuring scalable and testable infrastructure aligned with best practices in **cloud security** and **automation**

LEADERSHIP

Trinity College Varsity Swimming   **Hartford, CT**

- Captained the 2024/25 Team, leading by teamwork and discipline in balancing academics and sport
- Voted **NESCAC All-Sportsmanship Award** winner for the 2024/25 season

SKILLS, ACTIVITIES & INTERESTS

Programming Languages: Python, JavaScript, Swift, Java, C, SQL
Technologies: Terraform, React, Node.js, S3, CloudWatch, SQLite, Kubernetes, TensorFlow, GitHub
Activities & Interests: Trinity College Chess Club Secretary, Swim Across America Volunteer
Certifications: AWS Cloud Practitioner, dbt Fundamentals, Dagster Essentials, Airtable Builder