Gabriel E. Goulis

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CAREER PROFILE

Experienced software engineer with specialty in web applications, backend infrastructure, and microservice architecture. Thrives in fast-paced environments, adapting quickly to new challenges. Passionate about collaboration, with a strong motivation to learn from others. Possesses excellent written and verbal communication skills, enabling effective team collaboration and problem-solving.

Cloud Platforms: AWS, GCP   **Languages**: Java, C++, Python, JavaScript
Operating Systems: Windows, Linux, Android   **Proprietary Software**: GitHub, Docker, Postman

EDUCATION

UNIVERSITY OF ARIZONA- Tucson, AZ   **May 2028**
Doctor of Philosophy in Computer Science

BAYLOR UNIVERSITY- Waco, TX   **May 2024**
Bachelor of Science in Computer Science

- Relevant Coursework: Computer Architecture, Discrete Structures, Data Structures, Algorithms, Software Engineering I & II, Operating Systems, Networking, Intro to Cybersecurity
- Awarded the Baylor Independence Scholarship for academic excellence
- Undergraduate Researcher

EXPERIENCE

University of Arizona – Oulu, FI   **May 2024 - August 2024**
Research University
Student Researcher

- Collaborated on research papers on software architecture debt and architectural rule violations
- Developed an industry Java tool tracking Architectural Degradation (AD) using 40+ indicators
- Leveraged control dependencies like REST calls to capture temporal data on system structure

HEB – San Antonio, TX   **May 2023 – July 2023**
Supermarket Chain
Corporate Technology Intern

- Updated employee training courses using a new API standard serving 145,000+ partners
- Collaborated with internal teams in an agile environment to develop innovative solutions
- Presented accomplishments and end of internship results to 300+ partners and stakeholders

ADDITIONAL

- Graduate researcher of 2 years in Computer Science with 2 pending publications
- Created a CI/CD tool prototype to prevent poor microservice architecture changes