Dorotej-Dado Arnold

📍 Ulm, Germany | 📞 +49 176 8595 7205 | 📧 dorotej.d.arnold@gmail.com
🔗 [GitHub: ddarnold](https://github.com/ddarnold) | 🔗 [LinkedIn: dorotejarnold](https://linkedin.com/in/dorotejarnold)
🗣️ English · German · Serbo-Croatian

Profile

Computer Science student specializing in robotics and data science. Experienced with Python, C++, ROS, and Docker through hands-on projects and internships. Skilled in backend development, REST API design, CI/CD pipelines, and test automation. Strong foundation in full-stack engineering, SAT solving, and data-driven application design. Actively seeking an internship in software engineering, AI, or DevOps to contribute to high-impact tech solutions.

Education

- **Ulm University of Applied Sciences**, *B.Sc. Computer Science*, GPA: 1.7
  2022 – Present | Ulm, Germany
- **University of Belgrade**, *B.Sc. Mathematics (discontinued)*, GPA: 9/10
  2021 – 2022 | Belgrade, Serbia
- **Electrical Engineering High School "Rade Končar"**, *Information Technologies*, GPA: 4.4/5
  2016 – 2020 | Belgrade, Serbia

Technical Skills

- **Programming Languages:** Java, Python, Rust, C++, SQL
- **Frameworks & Tools:** ROS, Spring Boot, Docker, Git, GitHub Actions
- **Cloud & Infrastructure:** CloudSQL, NGINX, SonarQube
- **Development:** Full-stack development, OOP, REST API design

Work Experience

- **Data Analyst Intern – Diplo Foundation**, *2018 – Present | Belgrade, Serbia & Geneva, Switzerland*
  Python Scripting · Data Harmonization · AI Development · SEO · Webcasting · UI/UX Testing

Projects

- **AI vs CVEs**
  Python · Machine Learning · Security · npm · Model Benchmarking · Automation
- **Driverless Software – Einstein Motorsport**
  ROS · Perception · Localization · Path Planning · Autonomous Systems
- **Chess Game**
  Java · Sockets · Multiplayer · Game AI · Backend Logic
- **Sudoku SAT Solver**
  Android · Kotlin · OCR · SAT Solver · Puzzle Scanning
- **Online Tutoring Platform**
  Spring Boot · PostgreSQL · CI/CD · SonarQube · CloudSQL · Automated Testing

Papers

- **Efficient SAT Solving and Applications**
  Seminar paper exploring SAT algorithms and their real-world applications.

Extracurricular Activities

- Captain, Serbian U21 National Rugby League Team
- Player, German National Rugby Team
- Concert Organizer & Award-winning Cellist