

Efstratios Koulouris

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Professional Experience

Indiana University Luddy School of Informatics, Computing, and Engineering

January 2024 – May 2024

System Programming with C and Unix Teacher's Assistant

- Graded assignments, quizzes, and exams and provided feedback to students
- Conducted weekly office hours to provide additional support and assistance to students
- Led lab sessions to address students' questions, clarify concepts, and aid with course material

June 2024 – August 2024

Bitwise Global Inc. Internship – Backend Developer

- Developed and maintained backend APIs using Java, Spring Boot, and MySQL
- Designed and implemented Data Transfer Objects (DTOs) and Entity classes to support scalable API structures
- Conducted testing of APIs using Postman and JUnit, ensuring functionality and reliability

Education

Bachelor of Science in Computer Science August 2021 - May 2025

Indiana University Bloomington at Bloomington, Indiana

- Dean's List Fall 2022, 2023

Projects & Outside Experience

Google Developer Student Club Member

August 2023 - December 2023

- Active member that attends weekly meetings
- Constantly engaged in discussions centered around the current week's learning objective
- Applied technical knowledge to real-world projects

Guitar Inventory Developer

January 2024 - April 2024

- Designed and implemented a user-friendly interface using HTML, CSS, and JavaScript
- Implemented an "Add Guitar" feature that allows the user to input the brand, model, year, and price for guitars
- Implemented RESTful APIs to communicate between the front-end and back-end

Coffee Order Developer

January 2024 - April 2024

- Created an "Add Order" feature that allows the user to select their preferred coffee type and condiments
- Implemented RESTful APIs to communicate between the front-end and back-end
- Developed server-side logic in Java to handle user requests, validate input data, and execute database operations

Key Skills

- Java
- C/C++

- **JavaScript**
- **HTML/CSS**
- **Data Structures & Algorithms**
- **Object-oriented Programming**