

General Cover Letter

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Currently I am looking for jobs where I can gain experience on data streams and work with Java Spring backend services.

Background

I have have an Associate Degree on Computer Programming from CELAL BAYAR UNIVERSITY and a Bachelor of Engineering Degree on Computer Engineering from ERZURUM TECHNICAL UNIVERSITY and done 3 internships.

Education

My first (associate) curriculum was designed to be more practical and oriented towards software engineering¹.

My second curriculum was similar to the Stanford computer science curriculum with addition of courses on math and physics. I have took multiple courses on Programming Languages², Data Structures and Algorithms³. Following with Database Management Systems⁴, Web Development⁵, Software Engineering⁶ and delivered 2 Graduation Projects.⁷

Professional Experience

At the latest: I worked at Vestel for a month. Built .Net Core solutions that are for providing tractability to produced materials and to audit the process of production while having an easy/accessible interface for to be used by assembly line operator.

I also have worked on a development of a computer vision project for detecting and reading qr code/data matrix that are passing from the production line.

At prior, I worked as backend intern for 3 months. Written a REST API interface with NestJS, merging multiple SMS service providers APIs into a single service. Also provided help to colleagues at their DevOps problems such as providing help for running and building on Linux, installing dependencies, managing docker, writing bash or using the terminal.

My first internship after my associate degree was 6 months: working on WordPress solutions, building and hosting websites for academic conferences and commercial websites.

¹ C# OOP, .Net Core, MVC
.Net Framework, MySQL,
Apache/PHP/HTML/CSS

² Python (also own a certificate), Java (Swing and OOP), C, C# (OOP/Unity Course)

³ Data Structures and Algorithms:1, 2 and 3 (Algorithm Design) | File Organization (it's a in depth hash mapping, file access indexing course) | 5 Machine Learning Courses: (Artificial Intelligence, Deep Learning, Data Mining, Associate Rule Mining, Computer Vision) | Cryptography | Operating Systems and Socket Programming

⁴ As a project I have developed a MongoDB CRUD application with Tkinter

⁵ MVC .Net Framework

⁶ Led team of 7 to build a web project. I designed the architecture and built the backend on FastAPI and instrumented frontend with backend on 2 docker container (code available at GitHub).

⁷ First one was deep learning based detection & tracking. Second was non deep learning/purely computer vision way of detection & tracking, utilizing color and shape based algorithms. Both projects were intended to classify swarm robotic movement on real time but, with the unfortunate occurrence of the 2023-earthquake, we didn't had access to the lab at the time and thus operated on recorded footages.

About Me

I like to self study computer science and math as a hobby.

I study using collage text books or publishes of senior developers. I often read important computer science literature/books, mathematics, old or new blog posts, history of computer science. I have been following Hacker News daily for the last 3 years and for this reason had the chance to foresee or witness the grow of plenty of tech trends. I also have been using Linux since high school and enjoy tinkering with OSes.