

Ahmet Mert Buyulu

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OBJECTIVE

Seeking Summer 2022 Software Development Engineer internship position, where skills in Java, C++, React, good oral and written communication, excellent problem-solving, collaboration, and work management skills with basic knowledge of Agile process model and relational databases will assist the company.

EDUCATION

Bachelor of Science in Computer Science
University of Texas at Dallas, Richardson, Texas

GPA 4.0/4.0

Expected: May 2023

TECHNICAL SKILLS

Languages: Java, C++, JavaScript, TypeScript, HTML, CSS

Databases: MongoDB, PostgreSQL, Firebase

Web Technologies: React, Redux, Node, Express, Bootstrap

Cloud: Heroku, GitHub

Relevant Coursework: Data Structures and Algorithms, Discrete Math I and II, Linear Algebra, Computer Architecture, Calculus I and II, Object-Oriented Java

PROJECTS

Fashion–Clothing – Personal Project Fall 2021

- Designed and developed an e-commerce application, in which the users can shop various types of clothing.
- Implemented optimized searching and sorting functionalities as well as CRUD operations in order to **improve user experience**.
- Provided a demo on how to make actual payments using Stripe API. (However, it can easily be turned into real functionality if needed).
- Managed to deploy the application on Heroku three weeks before its anticipated deadline by changing the initial project's schedule due to the urgency of its completion.
- **Technologies:** React, Redux, Express, Node, JavaScript, Stripe, Firebase

YelpCamp – Personal Project Summer 2021

- Designed and developed a full-stack website, in which the users can share campground(s) they have visited in the past with the others and see the other users' posts as a reference for future traveling adventures.
- Implemented user authentication and authorization, for CRUD operations and security purposes, from scratch using Express and other backend development tools.
- Provided an animated map of the existing campgrounds' locations on the home page using Mapbox API.
- **Technologies:** JavaScript, Node, Express, HTML, EJS, CSS, Bootstrap, MongoDB, Passport JS, Mapbox

CartValidator – Academic Project Fall 2020

- Designed and developed a software program to determine the validity of various credit card numbers and their issuers from a file using the Luth algorithm.
- Provided well written code documentation using Java documentation guidelines for clarity/future upgrades.
- Focused on Object-Oriented design concepts such as abstraction, inheritance, polymorphism, and interfaces.
- **Technologies:** Java, Unified Modeling Language (UML)

LANGUAGES

Turkish: Native or bilingual proficiency

English: Full professional working proficiency

MEMBERSHIPS

Association of Computing Machinery (ACM), Member

2021 Present

Phi Theta Kappa Honor Society (PTK), Member

2020 Present