

KEREM ACAR

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Education

Bucks County Community College (Associates of CS) Graduated: August 2020

Penn State Harrisburg (Bachelors of CS) Expected Graduation: December 2022

Relevant Coursework: Object Oriented Programming with Web-Based Applications (Java), Data Structures (Java), Formal Languages, Compilers, Database Design (Oracle SQL), Web Development, Secure Programming (Java), Machine Learning Data Science (Python), Software Engineering Design, Principle of Programming Languages, Design Analysis Algorithms, Operating Systems, Fundamental of Computer Networks

Skills

Front-End: JavaScript, HTML, CSS, TypeScript, Sass

Back-End: Java, C++, SQL, Python, Google Firebase, NodeJS, REST API, JSON

Frameworks: Bootstrap, jQuery, AngularJS, Angular CLI, ReactJS,

Other Tools: MS Office, GitHub, Git, Jira, Docker, App Engine, GCP, VS Code, WebStorm, IntelliJ

Interpersonal: The ability to lead team members to corporate and individual goals, excellent analytical and problem-solving skills, eager to learn everything, ability to learn new concepts quickly.

Selected Projects

Pediatric Simulation Tool (Sponsored by Penn State College of Medicine)

This tool allows educators to have a repository to store and access pediatric simulation scenarios. Through this web application, pediatric simulation experts across the country can share and obtain simulation scenarios, and other experts can adapt to use the shared scenarios for their residents. This tool will allow for the uploading of scenarios that would then be searchable and/or indexed by topic, learner type, and simulated patient age.

Tools used: Angular, TypeScript, HTML, CSS, JavaScript, ASP.NET, Flask and Google Firebase.

Chess Predictor

An AI that analyzes chess game data from <https://database.lichess.org> to make a prediction.

Tools used: Python