Fahd Ksara

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EDUCATION

Temple University, College of Science & Technology   Philadelphia, PA
Bachelor of Science in Information Science & Technology   *Graduation December 2021*

Relevant Coursework: Data Structures & Algorithms, Software Design, Client-Side Web Scripting, Server-Side Web Application Development, Network Architecture, Operating Systems, Database Systems, Information System Analysis & Design, Information System Implementation, Mobile Application Development

WORK EXPERIENCE

Software Engineer Intern   Feb 2021 – May 2021
Center for Public Health Law Research, Temple University School of Law   *Philadelphia, PA*
- Worked with full stack engineers to maintain the technological operation of LawAtlas.org and the MonQcle software
- Designed and maintained software structures using AWS, Node.js, Vue.js, GraphQL, and Strapi
- Wrote classifiers for AI development by writing algorithms to automatically categorize user data into different classes
- Enhanced platform performance in the rendering SDK of the MonQcle platform by optimizing code and debugging functions
- Contributed to the redesign of old components to improve user interfaces

Software Developer Intern   May 2020 – April 2021
SocialLadder   *Philadelphia, PA*
- Collaborated with Research & Development team to develop structured manual and automated regression JUnit testing plans
- Worked closely with senior engineers to track software development process and execute automation tests on the backend using Java, Selenium and Maven
- Assisted Product team with strategy implementation, defining product features, user research and UI layouts

PROJECTS

OWL Inventory   Jan 2021 – December 2021
Capstone   *Philadelphia, PA*
- Built a full stack web application for tracking and managing inventory using ASP.NET Core and various Agile methodologies
- Participated in weekly scrum meetings to define objectives and inspect progress towards upcoming goals and deadlines
- Designed web application on Figma to prototype all user interface components
- Built the web frontend using various JavaScript functions and integrated the backend server in C#
- Utilized SQL Server database for inventory item storage, user information and other metadata

Ocean Shopping   September 2020
University of Pennsylvania PennApps   *Philadelphia, PA*
- Designed and developed a full stack e-commerce web application using Node.js and a backend HTTP server that utilizes various JavaScript, C# and ASP.NET/.NET Core functions
- Implemented REST API endpoints to register user and item data, authenticate them and provide secure URLs for web pages
- Applied Microsoft SQL Server database for users, items, and metadata

Software Engineering Internship Virtual Participant   December 2020
JPMorgan Chase & Co   *Virtual*
- Contributed to an open-source interface with stock price data feed to set up a system for data analysis using Python and Git
- Implemented tools to create a chart in a trader's dashboard for front end data visualization using React and Typescript

TECHNICAL SKILLS

Languages: Java, Python, C#, HTML/CSS/JavaScript, SQL, Go
Frameworks & Libraries: React, Node, Vue, Flask, Bootstrap, .NET Core, ASP.NET, Quasar
Tools & Infrastructure: Git, Jira, SourceTree, AWS (S3), Figma, Jenkins, Maven