

# Fahd Ksara

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## EDUCATION

**Temple University, College of Science & Technology**  
*Bachelor of Science in Information Science & Technology*

Philadelphia, PA  
Expected Graduation Fall 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 Engineering 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, JavaScript, Node.js, Vue.js, GraphQL, Strapi and Machine Learning
- 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 to develop and execute structured manual regression JUnit testing plans for automation testing
- Worked closely with senior QA Developer to track software development process by writing out test plans and cases
- Assisted Product team with strategy implementation, defining product features, user research and UI layouts
- Deployed the automated testing process for the iOS/Android and desktop platforms with Java using Apache Maven/Selenium

**Teaching Assistant** Jan 2019 – May 2019  
*Temple University, College of Engineering* Philadelphia, PA

- Assisted with the instruction of basic methodologies in computer-aided geometrical construction, solids modeling and isometric drawings/dimensionings

## PROJECTS

**Software Engineering Internship Virtual Participant** Nov 2020 - Dec 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

**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 other metadata

**VisitUS** September 2019  
*University of Pennsylvania PennApps* Philadelphia, PA

- Built a full stack Node.js web application for travel booking using a backend HTTP server built in C# and .NET Core Framework
- Wrote backend APIs endpoints to authenticate and filter travel destinations as well as send automated confirmation emails

## TECHNICAL SKILLS

**Programming & Markup Languages:** Java, C#, JavaScript, SQL, Python, C++, HTML5, CSS3

**Packages/Libraries:** jQuery, Ajax, Bootstrap, React.js, Node.js, Angular.js, Vue.js, Typescript, ASP.NET, Flask, Linux,

**Other:** TCP/IP, Networking, AWS, MongoDB, iOS, Git, Jira, Oracle, Web APIs, GraphQL, Quasar, Strapi, Selenide, UI/UX Design