# Fahd Ksara

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## EDUCATION

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

**Coursework:** Data Structures & Algorithms, Component-Based Software Design, Client-Side Scripting for the Web, Server-Side Web Application Development, Network Architecture & Operating Systems, Database Management Systems, Information System Analysis & Design, Information System Implementation, Mobile Application Development

## WORK EXPERIENCE

**Software Engineering Intern**                    Feb 2021 - Present
*Center for Public Health Law Research, Temple University School of Law*                    *Philadelphia, PA*
- Worked closely with senior software engineers to maintain and develop the tech MonQcle software platform
- Successfully wrote classifiers for AI development by writing algorithms to automatically categorize data into different classes
- Enhanced platform performance in the rendering SDK of the MonQcle platform by optimizing code and debugging functions
- Assisted with the redesign of old components to improve user interfaces by using Strapi on the backend and the Quasar framework with Vue.js on the frontend

**Software Developer Intern**                    May 2020 – April 2021
*SocialLadder*                    *Philadelphia, PA*
- Collaborated with Research & Development team to develop and execute structured manual regression JUnit testing plans
- Worked closely with senior QA Developer to track software development process by writing out test plans and cases
- Successfully automated and deployed the testing process for the SocialLadder iOS/Android platform with Java using Maven and 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/dimensioning

## RELEVANT PROJECT EXPERIENCE

**Software Engineering Internship Virtual Participant**                    Nov 2020 - Dec 2020
*JPMorgan Chase & Co*                    *Virtual*
- Used JPMorgan frameworks and tools to complete task modules for interfaces with stock price data feeds in Python
- Established an understanding of data visualization in front-end development as well as developing and analyzing data

**Ocean Shopping | University of Pennsylvania PennApps**                    *Philadelphia, PA* (Sep 2020)
- Designed and developed a real-time e-commerce web application that utilizes various JavaScript and ASP.NET functions
- Implemented restful Web API's and databases using SQL Server to register user and item data as well as allow users to buy or sell items. https://github.com/Ghostbear99/OceanShopping

**Wave (Fox School of Business Be Your Own Boss Bowl) 4th Place Winner**                    *Philadelphia, PA* (Sep 2019 - May 2020)
- Developed Wave, an iOS social-networking app, using react-native. Designed and iterated prototypes using Sketch
- Conducted user experience research to study target design processes, and won a $5,000 cash prize for launching the app

## TECHNICAL TOOLS & SKILLS

**Programming & Markup Languages:** Java, C++, C#, JavaScript, Python, HTML5, CSS3, SQL
**Packages/Libraries:** jQuery, Ajax, Bootstrap, React.js, Node.js, Angular.js, Vue.js, ASP.NET, Flask
**Other:** Amazon Web Services, MongoDB, iOS, Git, Jira, Oracle, Web APIs, Quasar, Strapi, Selenide, UI/UX Design