

# Fahd Ksara

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## EDUCATION

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

**Philadelphia, PA**  
Expected Graduation May 2021

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

## TECHNICAL TOOLS & SKILLS

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

**Packages/Libraries:** jQuery, AJAX, Bootstrap, ReactJS, NodeJS, AngularJS, VueJS, ASP.NET, .NET

**Other:** Android Studio, Jira, Amazon Web Services, GitHub, Oracle, Web APIs, Visual Studio, Quasar, Strapi, UI/UX Design

## WORK EXPERIENCE

**Software Engineering Intern:** *Center for Public Health Law Research, School of Law* **Philadelphia, PA** (Feb 2021 - Present)

- Maintained and developed the MonQcle software platform using Quasar framework with VueJS, collaborated with the redesigning of LawAtlas.org by assisting with DevOps, full-stack development and quality assurance testing
- Learned how to write classifiers for AI development and assisted with the redesign of old components to improve user interfaces using Strapi.

**Software Developer Intern:** *SocialLadder*

**Philadelphia, PA** (May 2020 - Present)

- Collaborated with Research & Development team to develop and execute structured manual regression testing plans for iOS/Android builds of SocialLadder using SourceTree Git GUI, Visual Studio & Jira
- Worked with QA Developers to create test plans & cases, track software development process and optimize code
- Automated the testing process for the SocialLadder platform with Java using Maven, Selenium, and JUnit testing

**Teaching Assistant:** *Engineering Graphics*

**Philadelphia, PA** (Jan 2019 – May 2019)

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

## RELEVANT PROJECT EXPERIENCE

**JPMorgan Chase & Co Software Engineering Internship Virtual Participant**

**Virtual** (Nov 2020 - Dec 2020)

- Used JPMorgan Chase 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.

**University of Pennsylvania, PennApps XXI VisitUS Web Platform**

**Philadelphia, PA** (Sep 2020)

- Incorporated Node.js, AJAX and jQuery with JavaScript to develop a real-time US-based travel/hotel booking website.
- Implemented restful Web API's and databases using Visual Studio SQL Server on the back-end to allow users to reserve hotels or book flights to different states across the country and check-out reservations. <https://github.com/Faskyy/visitUS>

**Wave (Fox School of Business Be Your Own Boss Bowl) 4<sup>th</sup> Place Winner**

**Philadelphia, PA** (Sep 2019 - May 2020)

- Developed Wave, a 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.