

# 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

*Center for Public Health Law Research, Temple University School of Law*

Feb 2021 - Present  
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

*SocialLadder*

May 2020 – April 2021  
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 SocialLadder iOS/Android and desktop platforms with Java using Apache Maven and Selenium

### Teaching Assistant

*Temple University, College of Engineering*

Jan 2019 – May 2019  
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

*JPMorgan Chase & Co*

Nov 2020 - Dec 2020  
Virtual

- Utilized 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*

September 2020  
Philadelphia, PA

- Designed and developed a real-time e-commerce web application that utilizes various JavaScript, C# and ASP.NET 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

### Wave

*Fox School of Business Be Your Own Boss Bowl*

Sep 2019 - May 2020  
Philadelphia, PA

- 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, GraphQL, Quasar, Strapi, Selenide, UI/UX Design