

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, 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, Mobile Application Development

WORK EXPERIENCE

Software Engineering Intern: Center for Public Health Law Research, School of Law **Philadelphia, PA** (Feb 2021 - Present)
Worked closely with senior software engineers to maintain and develop the MonQcle software platform, which allows researchers to identify, code, and analyze legal policies and research. Collaborated on the redesign of LawAtlas.org using the Quasar framework.

Key Accomplishments:

- Successfully learned how to write classifiers for AI development
- Optimized code and enhanced platform performance in the rendering SDK of the MonQcle platform
- Assisted with the redesign of old components to improve user interfaces by using Strapi on the backend
- Debugged numerous features and functions by optimizing code through Vue.js and also assisted with DevOps

Software Developer Intern: SocialLadder **Philadelphia, PA** (May 2020 – April 2021)
Collaborated with Research & Development team to develop and execute structured manual regression JUnit testing plans for the SocialLadder platform with DevOps and SourceTree Git GUI.

Key Accomplishments:

- Worked closely with senior QA Developer to create test plans & cases and track software development process
- Successfully automated and deployed the testing process for the SocialLadder platform with Java using Maven and Selenium

Teaching Assistant: Temple University, College of Engineering **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)
Successfully used JPMorgan frameworks and tools to complete task modules for interfaces with stock price data feeds in Python.

Key Accomplishments:

- Established an understanding of data visualization in front-end development as well as developing and analyzing data
- Earned a certificate of recognition for successfully completing program tasks and modules

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, 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

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, Git, Jira, Oracle, Web APIs, Quasar, Strapi, Selenide, UI/UX Design