Fahd Ksara

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EDUCATION

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

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 SocialLadder iOS/Android and desktop platforms with Java using Apache 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/dimensionings

PROJECTS

Software Engineering Internship Virtual Participant   Nov 2020 - Dec 2020
JPMorgan Chase & Co   *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   September 2020
University of Pennsylvania PennApps   *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   Sep 2019 - May 2020
Fox School of Business Be Your Own Boss Bowl   *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#, JavaScript, Python, HTML5 & CSS3
Packages/Libraries: jQuery, Ajax, Bootstrap, Flask, Jira, Quasar, Strapi, Android/iOS
Databases/Frameworks: SQL, AWS, MongoDB, GraphQL, React.js, Node.js, Express.js, Vue.js Angular.js, ASP.NET