Jeffrey A. Kerley

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Local Address

1516 Ross st
Columbia, Missouri 65201
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Permanent Address

120 Lake Lorraine Drive
Swansea, Illinois 62226

Education

Bachelor of Science in Computer Science and Information Technology
Expected Graduation Date: May 2022
Emphasis: *Web Development*
Minor: *Math*
University of Missouri, Columbia   **GPA: 3.3**

Experience

Shelter Insurance: Software Developer (*Part Time*)   **May 2021 - Present**

- Helped launch the new MyShelter App, an IOS and Android application.
- Developed specific app pages, going from UI/UX, to frontend work, and then to backend.
- Worked on extensive Java repositories that required best practices.
- Called for good team communication skills in an Agile work environment.
- Integrated bug fixes, algorithms, interactive UI, and helped research new features.
- Tasked with managing workload through JIRA and other Developers.

Web Development   **August- 2019 - Present**

- Explored D3.js a data visualization library to create enhanced apps.
- Created EC2 and Ubuntu instances on AWS, using Lamp/Mean stack to do so.
- Extensive use of Javascript/Typescript, HTML5, and CSS3.

Web App Development   **August- 2019 - Present**

- Worked on Angular apps used with Ionic to make progressive web apps.
- Used Reactive forms, proper routing, Angular MVC, and typesetting.

Software & Programming   **August 2017 - Present**

- Worked with Fuzzy sets, and inference systems with multiple data sets.
- Algorithm design in C using abstract data types extensively.
- Functional programming implemented with Haskell, working on recursive algorithms.
- Created convoluted neural networks and Multi-layer perceptrons using python libraries.
- Implemented 3D graphics using Fong Shading, and matrix manipulation.

Skills   **Angular | CSS3 | HTML5 | PHP | D3.js | Javascript | C | TypeScript | Python | Java | C++**