

# Julia Connelly

Software Engineer

## Contact

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## Technical Profile

### Proficiencies

- C++
- Python
- Java
- Linux
- Git
- Docker
- Cucumber
- Jenkins
- Spring Framework
- MATLAB
- OpenAPI

### Familiarities

- C#
- .NET
- SQL
- JavaScript
- HTML
- CSS
- OneAPI
- Amazon Web Services

Software engineer with 5+ years of experience and a B.A. and an M.A. in Computer Science. A quick-learning and curious worker experienced with a wide variety of technologies. Enjoys taking ownership of projects. Often recognized for clean code, innovative use of software patterns, and being a fun team member.

## Work History

2018-07 -  
Current

### Software Engineer

*GE Healthcare, Waukesha, WI*

- Worked on the Magnetic Resonance (MR) Image Reconstruction team.
- Adapted the reconstruction engine code into a consumable C++, Matlab, and Python SDK for internal and research stakeholders.
- Developed new clinical features in a complex, modern system with multiple communication pathways, micro-services, and custom firmware and hardware.
- Wrote and implemented test cases across sub-systems at the unit, component, and integration test levels.

2017-06 -  
2017-08

### Software Engineering Intern

*Applied Predictive Technologies, Arrington, VA*

- Contributed product code within 1 month of joining the team.
- Collaborated with other engineers, QA, and the product team to implement and test a brand new line chart feature.

## Education

2019-08 -  
2021-12

### Master of Science: Computer Science

*Johns Hopkins University - Baltimore, MD*

2014-09 -  
2018-06

### Bachelor of Arts: Computer Science

*Carleton College - Northfield, MN*

## Coursework

C, React Native, Firebase, Arduino, OpenCL, Cuda, Hadoop, Hive, Apache Pig, Spark, Apache Tomcat