

MILWAUKEE, WI
9526881450
JULIAKCONNELLY@GMAIL.COM

JULIA CONNELLY

Software engineer with 5+ years of experience and a B.A. and an M.S. 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.

EXPERIENCE

GE Healthcare, Waukesha, WI – Software Engineer

JULY 2018 – PRESENT

- 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.
- Implemented test cases across subsystems at the unit, component, and integration test levels.
- Spent 6 months as a product owner/developer on a team creating a platform solution for safely storing and sharing raw medical imaging data for research purposes.

Applied Predictive Technologies, Arlington, VA – Software Intern

JUNE 2017 – AUGUST 2017

- 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

Johns Hopkins M.S. Computer Science

AUGUST 2019 – DECEMBER 2021, Baltimore, MD

Carleton College B.A. Computer Science

September 2014 – JUNE 2018, Northfield, MN

Graduated Cum Laude

TECHNICAL SKILLS

Proficient:

C++
Python
Java + Spring Boot
Linux
Git
Docker
Cucumber
Jenkins
MATLAB
OpenApi
C# + .NET

Competent:

C
SQL Server
JavaScript
HTML/CSS
OneAPI
AWS Lambda
AWS EC2
AWS S3
AWS DynamoDB

Advanced Beginner:

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