MILWAUKEE, WI

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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:	Competent:	Advanced Beginner:
C++	C	React Native
Python	SQL Server	Firebase
Java + Spring Boot	JavaScript	Arduino
Linux	HTML/CSS	OpenCL
Git	OneAPI	Cuda
Docker	AWS Lambda	Hadoop
Cucumber	AWS EC2	Hive
Jenkins	AWS S3	Apache Pig
MATLAB	AWS DynamoDB	Spark
OpenApi		Apache Tomcat
C# + .NET		