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Website: briannem.com   GitHub: github.com/ebriannem

Education

Northeastern University | Boston, MA   Sep 2020 – May 2021
Candidate for a Master of Science in Computer Science   Cumulative GPA: **4.00/4.00**
Courses

◊ Algorithms	◊ Principles of Programming Languages

Northeastern University | Boston, MA   Sep 2017 – May 2020
Candidate for a Bachelor of Science in Computer Science   Cumulative GPA: **3.95/4.00**
Candidate for a Minor in Mathematics
Dean's List ◊ Honors College
Relevant Courses

◊ Artificial Intelligence	◊ Networks and Distributed Systems
◊ Computer Systems	◊ Object-Oriented Design

Skills

Primary Languages: **Java ◊ Python**
Familiar Languages: **C ◊ Go ◊ C++ ◊ JavaScript ◊ Kotlin ◊ Ruby ◊ Racket**
Other: Telegraf ◊ MBeans ◊ React ◊ GraphQL ◊ Chef ◊ Redis ◊ Scrum

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Experience

Intuit ◊ Mountain View, CA   May 2019– Dec 2019
Software Development Co-Op
   ◊ Designed Telegraf plugins in Go to integrate with a Redis cache
   ◊ Integrated MBeans with existing industry code using Java
   ◊ Took project to production following CI/CD process by using Jenkins and
      writing a Chef cookbook in Ruby
   ◊ Worked on Kotlin API that connects with DynamoDB and a React-based UI
      to collect data from Slack and display it on a filterable dashboard

Northeastern University ◊ Boston, MA   September 2018– April 2019
Tutor for Introduction to Computer Science
   ◊ Explained and illustrated concepts of Computer Science
   ◊ Found bugs in and provided feedback on code design and implementation

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Projects

Voronoi Tessellations	Implemented Fortune's Algorithm in Java to partition points.
FUSE Filesystem	Developed ext2 filesystem in C using FUSE interface
FreeCell AI	Experimented with and implemented various searches and heuristics in Python to create an AI to play FreeCell solitaire.
Gallery Web App	Designed and developed database-connected React web app for displaying and storing rich text and images in custom layouts