

Brandon Gioggia

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Education

Northeastern University, Boston, MA

May 2021

Bachelor of Science in Computer Science

GPA: 3.1

Coursework: AI, Computer Systems, Algo & Data, DB Design, Networks, Software Dev, OOD, Circuits, Logic & Computation, Programming Languages, Theory of Computation.

Activities: Resident Assistant, No Jokes Improv Troupe.

Skills

Programming: Git, Go, Python, Java, C, JavaScript, SQL, HTML, CSS, Racket, ACL2s, MATLAB.

Concepts: Dynamic Programming, MVC, ERD, Runtime Complexity, Invariance, Dynamic Dispatch.

Tech: Jira, DataDog, Postman, JetBrains IDE Suite, Slackbot API, Alexa Dev Console, Arduino.

Work Experience

Promoboxx, Boston, MA

Backend Software Development Co-op

January - July 2020

- Full productive member of the backend team including shipping code to production.
- Led the design, production & development of custom tool services chat-ops Slack Bot.
- Created endpoints E2E from stored procs (PostgreSQL) to db access & client functions (Go).
- Maintained full productivity during COVID-19 pandemic through increased team communication.

State Street Global Advisors, Boston, MA

Devops & Agile Development Co-op

January - July 2019

- Rewrote portion of Jenkins Groovy Pipeline, interfacing with SonarQube, Artifactory, and Jira.
- Lead daily morning meetings as Scrum Master for a team of 11 developers.
- Reviewed peer code and approved changes via BitBucket.

Harvard Law School, Boston, MA

IT/AV Support Associate

January - July 2018, November - December 2018, July - August 2019

- Established extensive experience in troubleshooting and solving technical problems.
- Developed robust customer service skills and proficiency in defusing frustration in others.
- Effectively prioritize tasks when presented with dozens of service requests.

Projects

[Discord Joke Bot](#)

January 2021

- Webscrapes merriam-webster.com to fit a word to a joke prompt that works grammatically.
- Written in Python to be used by my improv troupe at Northeastern University.

Distributed, Replicated Key-Value Store (Code available upon request)

December 2020

- Implemented [RAFT](#) consensus in Python for Networks Class at Northeastern.
- Passed tests on correctness & performance on a simulated lossy network with high latency.

Java Spreadsheet Application (Code available upon request)

December 2019

- Designed and implemented a Spreadsheet Software similar to Excel for OOD class.
- Written in Java and utilized OOD patterns such as Visitors, Decorators, Adapters, Builders.

[Boolean Network Grid](#) (Optimized for Chrome, Firefox and Safari)

June 2019

- Interactive Boolean Network grid where users can set new rules dynamically as cells update.
- Cells save neighbors as fields to allow for linear runtime

[Amazon Alexa Tic Tac Toe](#)

August 2018

- Project uses AWS, JavaScript, and Alexa-SDK to facilitate verbal Tic Tac Toe game.
- Developed Tic Tac Toe Game for Amazon Alexa Devices; published on Alexa Skill Store.

[HackBeanpot Top 10 Projects 'Genuine Dogs'](#)

February 2018

- Used Indico machine learning API to recognize dog breeds.
- Created backend using Python on AWS Server, and frontend iOS app using Swift.

[Vex Robotics International Champion \(Team 3815B\)](#)

July 2014

- Designed, built, and programmed robot that qualified for, and won, International Summer Games.