Emmett Greenberg

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EDUCATION

Northeastern University, Boston, MA — Expected May 2025
Master of Science in Urban Informatics — GPA: 3.83
Courses include Big Data for Cities, Geographic Information Systems (GIS), Data Mining
and Machine Learning

Boston University Metropolitan College, Boston, MA — August 2019
Master of Science in Software Development — GPA: 3.55
Courses include Data Structures and Algorithms, Information Structures with
Python, Database Design and Implementation

Brandeis University, Waltham, MA — May 2016
Bachelor of Arts in Language and Linguistics — GPA: 3.57
Minors in Computer Science, Mathematics

EXPERIENCE

Glytec Systems, Waltham, MA — Jan. 2020 – Aug. 2023
Software Quality Engineer
- Collaborated with team of software engineers and product managers to improve efficiency of insulin management for doctors and nurses across 350+ hospitals
- Developed, maintained and executed test plans, test cases, and test scripts for a medical web application
- Designed and performed functional end-to-end automation tests using Java and Cucumber in Selenium
- Collaborated with a cross-functional Agile team to manage product throughout its lifecycle
- Documented and communicated defects and test results to ensure a high-quality user experience

Visible Body, Newton, MA — Jan. 2017 – Jan. 2020
Software Quality Assurance Specialist
- Collaborated with product team to improve functionality of software used by over 250K students in educational health sciences
- Developed, maintained, and executed test cases and test plans for a variety of mobile and web applications
- Ensured continuous functionality and design excellence through User Interface and end-to-end testing
- Managed goals and strategies for testing with software developers and product team
- Increased productivity using Agile frameworks and collaborated with SCRUM teams to plan and manage products throughout their lifecycles

Brandeis University, Waltham, MA — Jan. 2015 – May 2016
Sports Information Assistant
- Interpreted and compiled statistics at athletic events, producing comprehensive post-game recaps
- Organized, updated, and digitized athletic information using Excel, ensuring accurate and accessible records

Children's Hospital, Boston, MA — Jun. 2014 – Aug. 2014
Informatics Research Assistant
- Conducted linguistic analysis of medical records to identify key patterns and insights
- Developed and implemented BASH scripts to efficiently organize and manage medical record storage

Brandeis University, Waltham, MA — May 2013 – Aug. 2013
Computational Linguistics Research Assistant
- Annotated text files for the Chinese Treebank, a Chinese language machine learning project
- Analyzed syntax and semantics of English language data

TECHNICAL SKILLS

Languages: R, Python, Java, SQL, JavaScript, HTML, BASH

Applications: IntelliJ IDEA, Eclipse IDE, Visual Studio Code, Sublime Text, SQL Server Management Studio, Oracle SQL Developer, Excel, ArcGIS Pro, Canva, Tableau

Tools: Agile-SCRUM Methodology

Additional Skills: Data Analysis, Geographic Information Systems (GIS), Spatial Analysis, Dynamic Systems Modeling