**Local Address**
50 Leon Street, Boston MA 02115

# Theresa Pelosi
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973-906-5951
Availability: January-June 2020

**Permanent Address**
24 Sweetwood Drive, Randolph NJ 07869

## Education

**Northeastern University** Boston, MA                                                                        2017-Present
*Khoury College of Computer Sciences*                                              Expected Graduation May 2021
Candidate for Bachelor of Science in Computer Science and Music Technology
*Honors*: **GPA: 3.6/4.0** Dean's List, Dean's Scholarship
*Activities*: Vice President of Songwriting Club, NUWIT, Ballroom Dancing Club, No Limits Dance Crew
*Related Courses:* Algorithms, Deep Learning Research Seminar, Object Oriented Design, Database Design, Fundamentals of Computer Science I/II, Discrete Structures, Computers and Society

## Computer Knowledge

Languages: Java, Python, SQL, Racket          Familiar With: C++, HTML, JavaScript
Software: IntelliJ, PyCharm, MySQL Workbench, Postman, Docker, AWSCLI, Git
AWS: Elastic Beanstalk, Amazon DynamoDB, S3, Lambda, Amazon CloudWatch, Serverless, ECR

## Work Experience

**Johnson & Johnson (Technical Data Architect)**                                          June-September 2019
- Developed KnowledgeBase application to facilitate the medical coding process
- Led modernization at office by introducing Python to team
- Automated search and update of duplicate medical records using Pandas
- Developed graphical interface for deduplication process using TKinter
- Researched machine learning usage for approximate search of medical terms
- Conducted multiple rounds of user acceptance testing and review

**Validity, Inc. (Software Engineer)**                                                        January-June 2019
- Acted as sole maintainer of MySQL database for company's flagship product "Trust Assessments"
- Developed Java based backend utilizing Spring Boot to communicate between database and website frontend in compliance with OpenAPI/Swagger standards
- Spearheaded end-to-end plan to migrate all products to Docker, from development to testing to production
- Integrated MySQL/DynamoDB with code base using JPA, Hibernate, and Liquibase
- Worked in scrum environment, doing code reviews, pull requests, and tests with JUnit, integration tests, and CircleCI

## Projects

**GitHub:** https://github.com/TheresaPelosi
**Cat Breed Classifier A.I.**                                                                      September 2019
- Identified cat's breed through image classification using TensorFlow and Python
- Compiled knowledge through online resources on image classifiers and auto-encoders

**Easy Animator**                                                                                  December 2018
- Developed JAR to animate shapes based on user input and/or pre-prepared files in Java
- Engineered frontend and backend, employing OO concepts and algorithms to increase efficiency

## Service

Girl Scouts – Demonstrated leadership and communication skills for 13 years                       2005-2017
Key Club – 84+ hours of community service in local area                                          2013-2017
Hour of Code – Helped teach 50+ students the fundamentals of coding                              2014-2017