

# MARTA PALERMO

COMPUTER SCIENCE  
GRADUATE STUDENT

## CONTACT

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## LANGUAGES

- Java
- Python
- C
- HTML/CSS

## CURRENT COURSES

- Foundation of AI
- Web Development

## SKILLS

Computer Applications:  
Comfortable with IntelliJ, Android Studio, PyCharm, Sublime, VS Code, Microsoft Word, Excel, Power Point, BioLab, Adobe Photoshop, and InDesign and proficient with Adobe Reader and other Adobe applications.

Spoken Languages: Fluent English and Italian, conversational Spanish.

## PERSONAL INTEREST

Sailing

Cooking

Traveling

Art

Hiking

Foosball

## EDUCATION

### Candidate for MSc in Computer Science

Northeastern University - Seattle, WA/ Boston, MA

9/2020 – Expected 05/2023

**GPA: 3.95** | Relevant Coursework: Discrete Data Structures, Intensive Foundations of Computer Science in Python, Object-Oriented Design, Algorithms, Android Mobile App Development

### Bachelor of Science in Neuroscience

Northeastern University - Boston, MA

09/2012 – 08/2016

## TECHNICAL PROJECT EXPERIENCE

- **Memory Card Game** – independent project using Python. Built a simple memory card game using Turtle graphic and OOP principles. Created classes and testing units for program.
- **Easy Animator** – built an app with a partner, in Java. Project followed OOP principles and MVC architecture. The task was to create a program that could read input and translate it into 2D animations with simple shapes described in txt, and SVG files. The animation descriptions were then processed and dynamically represented in our viewing window created with Java Swing.
- **Top Dog** – group project where we created a dog walking app for androids using Java. App keeps users accountable to their duties as dog owners, creates a social platform for users in the same area to have dogs meet and motivate each other to go out on more walks and reach the top of their leaderboard. My primary role in the group was to focus on the xml layout for our app windows and generally designing user interface.

## WORK EXPERIENCE

### Research Coordinator and Technician

Massachusetts General Hospital | Northeastern University

Boston, MA

04/2016– 08/2020

Interdisciplinary Affective Science Laboratory (IASLab) – Neuroscience and Psychophysiology lab studying human emotion and memory.

#### Achievements/Tasks

- Operated 3T and 7T fMRI for neuropsychological protocols.
- Conducted behavioral assessments of cognitive status (CVLT, MMEs etc)
- Conducted psycho-physiological sessions (collecting and analyzing data from EDA, ECG, fEMG & continuous BP).
- Lead phlebotomist on research team.

### Undergraduate Research Assistant

Northeastern University, IASLab

Boston, MA

01/2014 – 03/2016

#### Achievements/Tasks

- Compiled, scored & analyzed data using Excel, SPSS and MindWare.
- Conducted behavioral & psycho-physiological assessments.
- Collaborated in the creation & presentation of academic poster with IASLab research group about threat perception and sensitivity bias in individuals exposed to the Boston Marathon Bombing.