PAOLLA BRUNO DUTRA

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EDUCATION

Boston University, Graduate School of Medical Sciences, 2020-2021 <div align="right">Cumulative GPA: 3.94</div>
M.S. Bioimaging
- Relevant Coursework: Machine Learning, Bioimaging Theory & Image Processing, Methods of Functional Imaging of the Brain

New York University, Tandon School of Engineering, 2016-2020 <div align="right">Cumulative GPA: 3.70</div>
B.S. in Integrated Digital Media and minor in Computer Science
- Relevant Coursework: UX Design, Senior Project (Accessible Web Development), Intro to Web Development, Dynamic Web Applications, Data Structures & Algorithms, Object-Oriented Programming, Intro to Data Science

WORK EXPERIENCE

Boston Medical Center <div align="right">Boston, Massachusetts</div>
MRI Student Intern <div align="right">*July 2021 – September 2021*</div>
- Conducted screening interviews of patients to identify contraindications, such as ferrous objects, cardiac pacemakers, neurostimulators, aneurysm clips, or shunts
- Attained proficient experience operating GE and Phillips Magnetic Resonance Imaging (MRI) machines in an inpatient and outpatient medical center under the supervision of MRI technologists
- Produced and reviewed high-quality MRI images for doctor's analysis
- Initiated, maintained, and removed IVs according to MRI technologist's instructions for the administration of IV Contrast
- Acquired accurate brief medical histories from patients

NYU UG 2019 Summer Research Program <div align="right">New York, New York</div>
Research Assistant: Image Processing in p5.js <div align="right">*June 2019 – August 2019*</div>
- Designed and developed a tutorial website in a two-month period, using HTML & CSS, on how to perform Image Processing with p5.js, which was eventually used as a tool to teach Image Processing
- Collaborated with another team member on researching effective ways to teach creative coding students how to write algorithms for image blurs, edge detection, and other common Image Processing challenges
- Published documentation on Image Processing and WebGL on the p5.js references page
- Contributed to the development of a library within p5.js called p5.Riso.js, which enables users to code in color layers

Relevant Projects

Accessible Web Development Research <div align="right">New York, New York</div>
NYU Senior Project <div align="right">*January 2020 – May 2020*</div>
- Conducted a UX user research on how to make accessible web development more intuitive for designers
- Prototyped a high-fidelity website using Figma which contains accessible color palettes and coding references to assist with accessible web development
- Developed a screen-readable website using React.js in a social media type format which allows users to submit color palettes

Leadership Experience

Print3D (NYU Club) <div align="right">New York, New York</div>
Vice-President <div align="right">*October 2018 – May 2020*</div>
- Led the club's new workshop system and shifted its focus from providing the 3D model for students to print out to teaching students 3D modeling, which doubled workshop attendance
- Created reports of weekly meeting discussions to keep track of each team member's designated tasks and progress
- Responsible for reaching out to students and 3D printing laboratories to organize events, striving to integrate NYU's Manhattan Campus with the Brooklyn campus through a common interest in technology

Inspired Media Network (NYU Club) <div align="right">New York, New York</div>
Secretary <div align="right">*October 2018 – May 2020*</div>
- Planned events focused on career development, such as workshops for setting up a personal portfolio website, creating LinkedIn accounts, and getting feedback on class projects
- Doubled workshop attendance and increased attendee-retention rates by giving students time to work on personal projects and get feedback from their peers during the second half of each meeting
- Created and fostered polls on Google Forms to be sent out to event attendees, keeping track of survey responses

Skills

- Languages: Portuguese (Native & Fluent), Spanish (Advanced), German (Intermediate)
- Tools: Adobe CC, Figma, Sketch, Keynote, Maya, Blender, Unreal, Microsoft Suite, Trello
- Design: Wireframing, Card Sorting, User Interviews, Journey Mapping, Personas, Storyboards, Information Architecture, Competitive Analysis, Usability Testing
- Programming: Python, Java, Processing, C++, HTML, CSS, JavaScript, p5.js, React, Node.js, SQL, JSON, REST APIs