# Paolla Bruno Dutra

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## EDUCATION

**New York University, Tandon School of Engineering** | *Brooklyn, NY*                                                                09/16 – 05/20
*Bachelor of Science in Integrated Digital Media and minor in Computer Science | GPA 3.7*
- Dean's List: 2017-2018 and 2018-2019 Academic Years
- Relevant Coursework: UX Design, Visual Foundation, Intro to Web Development, Dynamic Web Applications

## RELEVANT EXPERIENCE

**NYU UG 2019 Summer Research Program** | **Research Assistant: Image Processing in p5.js** | *Brooklyn, NY*          06/19 – 08/19
- Designed and developed a tutorial website in a two-month period, using HTML & CSS, on how to perform Image Processing with p5.js, which will eventually be 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

**SW Parking** | **Assistant Manager** | *Rio de Janeiro, Brazil*                                                                          12/17 – 02/18
- Performed cash and credit card transactions to reduce customer wait time
- Managed the logistics of the grand opening of the parking lot under a strict deadline and conducted daily operations to track the volume of cars and ensure customer satisfaction

**Casa da Cherry** | **Inventory and Social Media Administrator** | *São Paulo, Brazil*                                           08/14 – 01/15
- Implemented a new marketing strategy consisting of monthly events at the store which increased traffic count by 30%
- Promoted the work of the artisanal community of women who produce store merchandise across social media channels to increase company visibility

## PROJECTS

**Accessible Web Development Research** | **Senior Project** | *Brooklyn, NY*                                                       01/20 – Present
- Conduct UX research on how to make accessible web development more intuitive for designers
- Prototype a high-fidelity website using Figma which contains accessible color palettes and coding references to assist with accessible web development
- Develop a screen-readable website using React.js including research findings and accessible coding references

**Everyday Assistive Technology (Vertically Integrated Project)** | **Research Assistant** | *New York, NY*          09/19 – Present
- Assist the NYU Oral Health Center for People with Disabilities and the Ability Project with the development of their Multisensory room, created to help patients calm down before stressful procedures
- Design a tactile map so that people with visual impairments can easily know where the technologies are placed in the room
- Contribute to the project website by posting information about the assistive technologies in the Multisensory room and conducting accessibility checks on the platform

**p5.js Processing Foundation** | **Development Contributor** | *New York, NY*                                                   07/19 – Present
- Publish documentation on Image Processing and WebGL on the p5.js references page
- Contribute with the development of a library within p5.js called p5.Riso.js, which enables users to code in color layers, having the logic of Risograph printing in mind

## LEADERSHIP EXPERIENCE

**Print3D (NYU Club)** | **Vice-President** | *New York, NY*                                                                               10/18 – Present
- Leader of the club's new workshop system
- 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)** | **Secretary** | *Brooklyn, NY*                                                             10/18 – Present
- Plan events focused on career development
- Create and foster polls on Google Forms and send it out to event attendees, keeping track of survey responses

## SKILLS

- <u>Languages:</u> Portuguese (Native & Fluent), Spanish (Advanced), German (Intermediate)
- <u>Computer:</u> Microsoft Suite, Adobe Photoshop, Illustrator, InDesign, Premiere Pro & Lightroom, Maya, Blender, Unreal
- <u>Programming:</u> Python, Java & Processing, C++, JavaScript & p5.js, HTML & CSS, React, Node.js, SQL
- <u>Interests:</u> Photography, Traveling, Language Learning, Baking, and Coding