

Leticia Midoes Julio

Cell: (617) 909-6127 | ljulio@mail.endicott.edu | School Address: 376 Hale Street Beverly, MA 01915 |
Permanent Address: 11 Bayview Avenue, Beverly, MA 01915 | www.linkedin.com/in/leticia-julio-a2b106a7/

OBJECTIVE

To obtain an entry-level position in engineering, which will allow me to expand upon my knowledge and enhance my career.

EDUCATION

Endicott College, Beverly, MA
Bachelor of Science in Engineering – Summa Cum Laude May 2023

Activities: Best Senior Thesis/Capstone Award, Academic Excellence in Engineering Science and Technology Department Award, [First Place Overall and Best Case Study Award at U.S.DOE National HCC](#), Society of Women Engineer President, Workshop Mastering 3D printing, Leadership Group, Dean's List

FATEC Sao Paulo, Sao Paulo, Brazil
Associates Civil Engineering, Concentration in Construction Management June 2018

SKILLS AND RELEVANT COURSES

- Speaks Portuguese fluently and Spanish Intermediately.
- Experience in laboratory of Materials (slump test, resistance of concrete test, soil granulometry); Electrical components (soldering, wiring, oscilloscope, and circuits design); Chemistry (instrumentation, precision, report elaboration)
- Communication skills and computer aided tools: MATLAB, Word, PowerPoint, Excel, AutoCAD 2D and 3D, 3D printing, Xactimate, OnShape.
- Relevant courses include Organizational Behavior (dynamics of management of people), Design of Buildings and Installations (proficient in reading and creating AutoCAD designed electricity, water, concrete structures, architectural blueprints), Ethics, Argumentative Based Writing.

EXPERIENCE

Build Health International, Beverly, MA
Structural engineering and project management – Internship (25h/week) Sep/2022 – February 2023

- Executed structural analysis (Etabs, SAFE, and SAP) and design calculations of concrete members following national and international code.
- Performed computer aided drawings and sketches of structural plans and details utilizing Revit and Bluebeam
- Operated the Autodesk Construction Cloud, creating online field reports that could be filled internationally through supervisor's cellphone (with pictures of construction issues, RFI's etc).
- Quantified and budgeted materials for a project in Haiti, including logistics of container shipping

ServPro – Fire and Water Damage Restoration, Salem, MA
Estimating assistant – Internship (25h/week) June 2021 – August 2021

- Speed the process of reviewing estimates, under the supervision of the operations manager. Catching about \$30,000 left behind in estimate errors.
- Got proficient in using Xactimate to write estimates, aided the office to make connections to vendors and contractors while searching for materials and workforce quotes for future jobs – having prepared them for next 3 months of contracts.
- Aided the administration and estimates office in creating spreadsheets to organize their content, also organizing their digital library into a format that is easier to find information.

ARCO – Assessors in Rationalization of Constructions, Sao Paulo, Brazil
AutoCAD designer – Internship (30h/week) June 2016 – June 2017

- Interpreted and adjusted blueprints with AutoCAD: compatibilization of architectural, structural, electric/hVac, and other sheets also detecting and fixing mistakes on projects.
- Organized and updated virtual library of projects, uploading projects and revisions for 20+ constructions sites.
- Designed and reviewed drywall/brick drawing sheets, along with compatibilization (electric, water, automation, etc.)

VIEW Constructor and Incorporator, Sao Paulo, Brazil
Engineer assistant – Internship (45h/week) January 2014 – November 2016

- Responsible for maintenance and organization of virtual and physical archive of projects and documents.
- Coordinated concrete filling schedule and execution, prioritizing sections.
- Estimated, ordered, and received materials – critical thinking related to the site progress .
- Performed daily supervision over campsite/contractors' progress and wrote reports.
- Prepared and arranged material, aided in meetings to hire new contractor and materials. Aiding the creation and adaptation of schedule/budget.

ACTIVITIES

AuPair – Cultural Care

Massachusetts, US

Cultural Exchange Student/nanny

- Simultaneously managing full-time job (45h+/weekly) and full-time coursework load.

SWE Endicott Chapter – Society of Women Engineer

Massachusetts, US

President '22/23 and Treasurer '21/22

- Founding member of the chapter at Endicott
- Helped grow the chapter, keep students connected in weekly meetings while creating opportunities for all to engage in networking events (internally and attending to external career fairs as well)

Habitat for Humanity

Massachusetts, US

Volunteer at Construction Site - Lawrence

- Volunteered during the construction of low-income dwelling project in Lawrence. Experience with concrete, masonry, paneling (drywall), tiling, painting, and overall finishes.

Hydropower Collegiate Competition – 1st Place: Endicott College

Washington, DC

Engineering Team Lead

- First place overall winner and Best Case Study Award in the first edition of the U.S. Department of Energy sponsored Hydropower Collegiate Competition.
- Responsible for the engineering team's screw turbine design, hydraulics studies, structural analysis for concrete components, and power house implementation design.