



COLLEEN DUONG

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EDUCATION

Masters of Science in Sustainable Design

Carnegie Mellon University, Pittsburgh PA
Aug 2020 - May 2022 GPA 4.25/4.00

Bachelors of Architecture

Carnegie Mellon University, Pittsburgh PA
Aug 2016 - May 2021 GPA 3.52/4.00
Minor in Animation & Special Effects

AWARDS

2021 ULI Hines Student Competition
Honorable Mention

CMU Fourth Year Design Awards
Finalist

Carnegie Mellon University
Dean's List, College Honors, & University Honors

SKILLS

Software

Adobe Software (Photoshop, Illustrator, InDesign, Premiere), Rhinoceros 3D, Grasshopper, GIS, ClimateStudio, AutoCAD, Revit, SketchUp, Lumion, Enscape, KeyShot, Fusion 360, RobotStudio, BlueBeam, AutoDesk Maya, 130 WPM

Fabrication

CNC Machining (Mill and Lathe), Woodwork, Lasercutting, 3D Printing, Industrial Robot Arm

Programming

P5JS, Javascript, HTML

RELEVANT COURSES

- LEED Buildings Green Design
- Environmental Performance Simulation
- Building Performance Modeling
- Sustainable Health Productivity
- Environment I: Climate & Energy
- Environment II

WORK EXPERIENCE

Master's Thesis: Architectural Reef - Artificial System

Carnegie Mellon University, Pittsburgh, PA
September 2021 - Present

- Designing a hybrid system that fosters positive relationships between humans and nonhumans
- Conducting a case study on existing artificial reefs (design form & material composition) and a design analysis on a potential reef implementation on an existing site, Hanauma Bay.

Teaching Assistant: 48-640 M.Arch Praxis-2 Studio

Carnegie Mellon University, Pittsburgh, PA
Professor Azadeh Omidfar Sawyer, Professor Matthew Huber
January 2022 - Present

Research Assistant, Bird Friendly Patterns

Carnegie Mellon University, Pittsburgh, PA
Professor Azadeh Omidfar Sawyer
March 2021 - Present

- Formatting booklet of grasshopper-generated glass-facade panels to give to future clients.
- Compiling documents and files to distribute for pattern testing and printing.
- Producing drawings and renderings of patterns for booklet.
- Designing additional patterns to be tested and incorporated into the booklet.

Teaching Assistant: 48-743 Intro to Ecological Design & Thinking

Carnegie Mellon University, Pittsburgh, PA
Professor Dana Cupkova
Fall Semester

- Provided comments and feedback for weekly written summary analyses on various topics related to ecological design and thinking (via weekly guest lectures and readings).

Remote Virtual Architectural Summer Intern

G70 Architects, Honolulu, HI
July 2020 - Aug 2020

- Worked on graphics and diagrams for submittals: AIA Honolulu Design Awards 2020.
- Provided support with various other projects.

Architectural Summer Intern

G70 Architects, Honolulu, HI
June 2019 - Aug 2019

Project Submittal won Award of Merit for AIA Honolulu Design Awards 2019.

- Worked on graphics and diagrams for submittals: AIA Honolulu Design Awards 2019, due diligence reports, and multiple project proposals.
- Construction Administration work done.

ACTIVITIES

Alpha Phi Omega Kappa Chapter

Carnegie Mellon University, Pittsburgh, PA
August 2018 - May 2021

Fellowship VP Fall 2019

- Approved project proposals and in charge of planning large brotherhood bonding events such as Fall Retreat.

Spring Booth Committee Chair Spring 2019 - Spring 2020

- Prepared construction details for the upcoming CMU Carnival Spring Booth Concessions event and lead the actual construction and design of the booth.

PR Chair Spring 2020 - Summer 2020

- Updated social media and the organization's website.
- Communicated with other organizations and advertises service activities to the campus.
- Compiled information, designed, and formatted Lobster Tale booklet to send out to alumni.

Rush Design Team Spring 2020 - Summer 2020

- Design posters, calendars, stickers, and t-shirts for the positive promotion of the fraternity.