

Louis Antonio Suarez

Student of Architecture and Music

Education

Carnegie Mellon University

Bachelor of Architecture, Minor in Music (2016 - Present), Cumulative QPA 3.79, Studio QPA 4.00
Master of Science in Sustainable Design, Accelerated Master’s Program (Begins Fall 2021)

Duquesne University City Music Center

Classical Guitar Performance and Musicology (2012 - 2016), Studio of R.J. Zimmerman (Guitar), Brian Buckley (Musicology)

Accolades

Carnegie Mellon University

Fourth Year Design Awards (2020), Ralph H. Burt Jr. and Alva L. Hill Scholarship for sustainable environments and systems integration in design.
Gindroz Prize for Travel (2019), Independent drawing project in Spain, France, and Germany; it culminated in an exhibition in October 2019.
College of Fine Arts Dean’s List (2017 - Present), Top thirty percent of students in the Colleges of Art, Architecture, Design, Drama, and Music.
School of Architecture Honors (2016 - Present), Outstanding overall academic performance.
School of Architecture Design Commend (2017 - Present), Outstanding academic performance in design studios.

American Composite Materials Association

Compost Materials Challenge, Honorable Mention (2018), Design proposal for reconfigurable formworks using resin and canvas.

Teaching

Carnegie Mellon University

History of Architecture and Urbanism Teaching Assistant (2020, 2021), Professor Diane Shaw.
Guest Studio Reviewer (2019), Environment Form Feedback, Professor Dana Cupkova.
Materials and Assembly Teaching Assistant (2019, 2020), Professor Gerard Damiani.
Drawing Teaching Assistant (2018 - 2019), Professor Douglas Cooper.
Summer Pre-College Architecture Teaching Assistant (2017 - 2018), Head teaching assistant for design, digital, media, and drawing.

Vocations

Front Studio Architects

Architectural Design Intern (2019), Project renderer and editor for principal Art Lubetz’s upcoming book, “Immersive Architecture.”

Carnegie Mellon University

Design Research Assistant, Dana Cupkova (2020), Manufacturing Futures Institute.
Wats:ON? Festival Crew Member (2017), Assistant for installation and curation of fine arts festival.

Carnegie Library of Pittsburgh

The LABS Photojournalism Summer Intensive Mentor (2016), Designed curriculum and assisted in teaching a photojournalism summer course.

Activities

Carnegie Mellon university

Carnegie Mellon Contemporary Music Ensemble (2019), Performed Toru Takemitsu’s *Toward the Sea I* for alto flute and guitar
Carnegie Mellon Guitar Ensemble (2016 - 2019), Premiered original composition *Harvest Song* for guitar duet.
Interpunct Journal on Architectural Theory (2018), Organized and conducted an interview with Kai Gutschow and architectural pedagogy.
The Cut Magazine on Music Criticism (2017), Published a musical review of the Saint Paul Cathedral Organ Concert Series.

Skills

Sustainable design: EUI, Lighting (LPD, Lumen method), Ventilation (OA, Duct sizing) calculations, etc.; **Graphic design:** Photoshop, Illustrator, Indesign;
Digital modeling: Rhinoceros 3D, Autodesk Fusion 360; **Rendering:** Keyshot, Vray; **Scripting:** Python, Grasshopper; **Analysis:** DIVA, Climate Consultant, CES EduPack; **Cartography:** ArcGIS Pro; **Analogue:** Bookbinding, Drawing, Model building; **Filmmaking:** Screenwriting, Directing, DSLR filmmaking, Premiere Pro; **Philosophy:** Aristotle, Plato, Pre-Socratic, Continental, Phenomenology, Exentialism; **Music:** Musicology, Classical guitar, Composition.