

Education

Pratt Institute | Brooklyn, NY
Master of Architecture (M.Arch)

University of Hartford | West Hartford, CT
Bachelor of Architectural Engineering Technology | 2009–2013
Magna Cum Laude GPA: 3.62
Academic Honors: Spring 2009, Fall 2009, Spring 2010, Fall 2010,
Spring 2011, Fall 2011, Spring 2012, Fall 2012, and Spring 2013

Course Abstract:

Introduction to the Architectural Process
Architectural Design I
Architectural Design II
Architectural Design III
Architectural Design IV
Architectural Design V

Ancient through Renaissance Architecture
19th and 20th Century Architecture

Materials and Methods of Construction and Documents
Construction Documents

Principles of Mechanics, Plumbing, and Electrical Systems
Architecture: Computer Modeling and Rendering

Architectural Rendering and Portfolio Development
Independent Study (Residential Design and Space Analysis)

Engineering Mechanics
Strength of Materials and Design of Wood Structures for
Engineering Technology and Structural Analysis

Design of Steel Structures
Design Concrete Structure Engineering Technology

Porter & Chester Institute | Watertown, CT
Architectural and Civil CADD Technology Diploma | 2005–2006

Course Abstract:

Drafting

Wood Frame Design

Masonry Construction

Steel and Concrete Design

Open Web Joists Design

Site and Road Design

Subdivision Planning

Electrical, Plumbing, and H.V.A.C. Design



Guilherme Pinho

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Curriculum Vitae

Experience

Q Architecture | Waterbury, CT
Freelance Intern Architect | 2017–Present

Undertake design for design competition and site design. Create conceptual 3D models.

Iroquois | Shelton, CT

Intern Architect/GIS Operator | 2008–Present

Provide drafting and records support to engineering group. Develop conceptual renders and map graphics for planning and permitting of projects. Help maintain pipeline data in the GIS system.

Administer engineering data analysis and documentation management. Assist in mechanical and electrical design. Create preliminary/bid/construction/as-built construction documents for civil, architectural, 3D and 2D mechanical systems, and electrical. Produce and prepare graphic presentations to present to municipalities. Perform graphic design duties for the company.

Ni Design | Farmington, CT

Designer/Draftsperson | 2006–2008

Worked closely with project managers in developing designs and concepts for residential, commercial, institutional, and retail projects. Produced construction documents from schematic design stage to final construction document stage. Responsible for correction of projects upon initial design, prepared graphic presentations to present to clients, and educated new employees on software, and office standards. Traveled to project sites for review and to document. Assisted at Charles Georgie Associates Architects and Engineers, LLC. doing civil designing and drafting.

Honors and Awards

Member of The National Society of Leadership and Success

Tau Sigma Delta Architecture Honorary Society

2014 Alan S. Wilson Award Recipient. This award is presented each year to the graduating senior with the highest GPA who has taken at least 90% of his or her coursework at the University of Hartford and 75% of it on a part-time basis.

2014 Presidential Scholarship Recipient. This scholarship is awarded to the best applicant of each graduate program.

Project

I am currently undertaking the design and construction of a 2,030sq.ft. home from a single floor ranch transformed into critical regionalism. I alone have been working on the construction of the project for approximately two years. The expected outcome is to achieve Passive Plus standings with the home and have a zero carbon foot print during operation.

Workshops/Trainings

Microdesk, Inc.; Autodesk Revit Building Training I 2008

Microdesk, Inc.; Autodesk AutoCAD Training I 2011

475 High Performance Building Supply; Building Enclosure Airtightness Training I 2015

Foreign Language Skills

Portuguese (fluent)

Spanish (speck)

Software Skills

Autodesk AutoCAD 2D & 3D

Autodesk Revit (BIM)

Autodesk 3DS Max

Autodesk Showcase

Autodesk Impression

Rhino

Mental Ray (engine)

Adobe Photoshop

Adobe Bridge

Adobe Illustrator

Adobe InDesign

Adobe Dreamweaver

Adobe Premiere Pro

Adobe Lightroom

Adobe Acrobat

ArcGIS (GIS)

Intrepid (GIS)

Microsoft Office Suite

Bluebeam Software

Additional Skills

Specialist in creating construction documents, 3D computer modeling and rendering, physical model construction, hand rendering, presentation board design and construction, and strong presentation and communication skills.

Knowledgeable on Passive House building technecks.

Vast knowledge on sustainable and healthy building materials.

Expert in Architectural design, building technologies and structural design.

Well-informed with building codes.

Experienced in web design, and html and css.

Knowledgeable on computer systems hardware and software.

Excellent graphic design abilities.

Experienced with DSLR camera photography.

Additional Information

In pursuit of completing Intern Development Program (IDP) hours in order to take ARE exam to become a licensed Architect.