

# QIRUI (ELLE) FANG

INTERN/JUNIOR ARCHITECT

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## EDUCATION

### Bachelors of Architecture (NAAB) & Minor. Sustainability Studies

Pratt Institute, BK, NY, USA | 08.2020 - 05.2025

5 Year President's Honor List - GPA 3.93

## EXPERIENCES

### Architectural Design Internship

Ennead Architects | 05.2024 - 08.2024

Competitions & Healthcare/Cultural Projects | NYC, US

- Assisted in three international competitions and one major renovation RFP, focusing on museum and bio-health lab design.
- Within two weeks, developed detailed models, drawings, and analytical diagrams for a winning proposal of a historic Robert Venturi landmark.
- Led two LEED certification processes, preparing sustainability documentation and high-impact visualization diagrams to optimize workflows.
- Fabricated detailed physical models and mockups for client presentations and firm exhibitions, enhancing project communication.

### Research Assistant

Pratt Institute | 08.2022 - Present

3D Fabrication & Design Development & Exhibitions | BK, NY, US

- Developed computational models for a 2,500 sq. ft. adaptive deployable waterfront structure, expanding the research archive with four new chapters.
- Curated and executed NYC Future Perfect Waterfront (Fall 2024), a pop-up research exhibition at Higgins Hall attended by 200+ scholars, and students.
- Co-developed Grasshopper scripts for 3D robotic arm 1:1 3D printing, optimizing fabrication workflows for wind channeling facade panels. (2023)

### Undergraduate Office Chair's Student Assistant

Pratt Institute School of Architecture | 03.2024 - 02.2025

NAAB Accreditation Administrative Support | BK, NY, US

- Standardized 100+ undergraduate syllabi for 2025 NAAB accreditation, ensuring consistency in formatting and accessibility.
- Converted Adobe/Word files to Google Docs, optimized PDF exports, and implemented a tracking system using Sheets for seamless collaboration.
- Streamlined administrative processes to improve document management and accreditation compliance across multiple departments.

## SKILLS

### Digital Tools & Visualization:

Rhino 3D, Revit, SketchUp, AutoCAD, Grasshopper, Enscape, V-Ray, Twinmotion, Maya, Mid-Journey, Adobe Suite (Full), Trained semi-professional photographer

### Fabrication & Prototyping:

3D model building, woodworking, FDM 3D printing, robotic 3D printing, laser cutting, ZUND, CNC routing, plaster casting, concrete casting, resin, and silicone molding.

## VOLUNTEER

### 01.2023 - 12.2025 | Event Photographer

AIA Center for Architecture, WIA.NYC

AIAS Pratt Chapter, Femmes of the

Futures, Student Fashion Lookbooks

Covered 50+ events, including lectures, exhibitions, gallery shows, and fashion lookbooks, delivering high-quality photography for media and publications. Edited images using Adobe Suite, ensuring professional-grade photos for promotional and archival use.

### 08.2021 - 12.2024 | Teaching Assistant

Pratt Institute School of Architecture

Instructed 50+ first-year students one-on-one software guidance in Rhino, and Adobe Suite, for drawing, digital modeling, and fabrication techniques, ensuring foundational proficiency.

### 05.2021 - 08.2022 | Youth Mentor

NPC College of Arts and Design

Taught 20+ architecture-focused lessons, offering early design skills and creative problem-solving. Mentored students applications, contributing to a 100% acceptance rate at top architecture schools in Canada and the U.S.

## CERTIFICATIONS & RECOGNITIONS

2024 LEED Green Associate

2024 AIA Allwork Scholarship Reception

2024 Architectural Travel Fund (Rome)

2023 RIBA Bronze Medal Part 1 Nominee

2023 MHDEA Honourable Mention Award

2019 CreArt Canada Graphic Design Gold