

JAYDEN HUANG

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EXPERIENCE

Rensselaer Polytechnic Institute Troy, NY

Club Secretary // SoA Robotics
8/2024 - Present

// Introduced students to robotic 3D-printing
// Led demonstrations and tutorials for robot use

Teaching Assistant // Intense Printed Ornament
1/2024 - 5/2024

// Assisted in seminar on additive manufacturing of architectural ornament for exhibition
// Developed robust clay extrusion system for student use
// Led students through process and hiccups of robotics

Undergraduate Researcher // Unfamiliar as Ornament
9/2023 - Present

// Developed reduced-waste additive manufacturing process using robotic clay extruder
// Produced bespoke metal objects by casting 3D-printed clay molds
// Designed parametric scripts to produce novel surface texture

Beyer Blinder Belle New York, NY

Architectural Marketing Intern
7/2023 - 8/2023

// RFQ responses to large upcoming commercial and institutional projects
// Researched clients and sites for client interviewing and contractor outreach

Reform Architecture PLLC New York, NY

Architectural Intern
12/2020 - 8/2022

// Constructed schematic drawing sets for commercial and residential projects throughout New York
// Researched sites and performed conceptual design for sustainable housing design
// Consulted clients to discuss building code and further construction

EDUCATION

Rensselaer Polytechnic Institute Troy, NY

Bachelor of Architecture
Exp. Spring 2027

// GPA -

AWARDS // PUBLICATIONS

ACADIA 2024 - Unfamiliar as Ornament 11/2024

Second Year Faculty Award 05/2024

AD4 Honor Reviewee 04/2024

AD3 Honor Reviewee 11/2023

First Year Faculty Award 05/2023

AD2 Honor Reviewee 04/2023

AD1 Honor Reviewee 11/2022

Dean's Honor List Fall 22 - Present

Rensselaer Leadership Award 8/2022

SKILLS

Architectural Robotics - ABB Interface, Robot Studio

Additive Manufacturing - 3D Printing, Casting

Rhinoceros

Grasshopper

Adobe Suite

Arduino

VRay