

Jiayin (Joy) Liu

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EDUCATION

Duke University, NC

August 2021–2025

Loomis Chaffee School, CT

September 2017–May 2021

Bluevale Collegiate Institute, ON, Canada

September 2016–June 2017

HONORS AND AWARDS

High Honor Roll

2017–2020

- Recognized for receiving unweighted 3.75 GPA and above

Junior Art Award

2020

- 1 of 5 students recognized for talent and excellence in visual arts

History Department Honors

2020

- Recognized for outstanding achievement in CL United States History

Connecticut Regional Scholastic Art Awards Gold Key recipient

2020

- One of the approximately 600 entries selected out of the 3,000 to be exhibited at the University of Hartford; one of the 187 Gold key recipients

National French Contest, Level 2 & 3 Bronze

2019–2020

CAMPUS ACTIVITY

Printmaking Club, Founder/Club Leader

Fall 2018–Present

- Raised \$250 through the sale of student printed totes to buy school supplies for a local, first-year refugee family's children and Thanksgiving foods
- Organized bi-weekly printmaking workshops on campus to teach silkscreen textile printmaking, as well as the Club Harvest Fest, Club Fair, and Christmas holiday events

Longman Leadership Institute, Member

Fall 2018–Spring 2019

- 1 of 15 sophomore girl selected to participate in a one-year residential program focused on women leadership
- Engaged in weekly guided and self-led discussions and participated in year-long capstone project focused on collecting interviews with women breaking gender norms

International Student Ambassador

Fall 2018–Spring 2019

- 1 of 24 students chosen as support and guidance for Loomis Chaffee School's international students
- Organized bi-weekly international cultural celebration and inclusion events

VISUAL ART

Stay Home Goose – Online Coloring Book, Founder

Spring 2020–Present

- Created a website featuring a collection of hand-drawn coloring sheets as well as DIY origami paper craft projects, all free and available to the public during the pandemic
- Achieved 300+ site visits, and featured in all-school daily bulletin and online Covid-19 support group

Silkscreen Printmaking

2019–Present

- Designed and hand printed school spirit/mascot themed clothing for the school bookstore and Loomis Chaffee Longman Leadership Institute (selected to be included in school archive)
- Sold 100+ t-shirts and sweatshirts of my print in the campus bookstore

ATHLETICS

Golf

Loomis Chaffee Varsity

Fall 2017–Present

- Top 3 player in match play lineup

- Participated in the Pippy O'Connor Independent School Girl's Golf Classic Champions (New England Championship)
- Placed 2nd in Founder's League Championship

Competitive Junior Golf

2014 - Present

- Placed 2nd in 2018 American Junior Golf Association Junior Golf Hub Championship presented by John D. Mineck Foundation Qualifier (score: 75)
- Tied for 17th Junior Golf Hub Championship presented by John D. Mineck Foundation (score: 79-84-75)
- Placed 4th in 2018 AJGA City of London Junior Championship Qualifier with (score: 77)

Cross Country

Loomis Chaffee Varsity

Fall 2017–Present

- 7th runner for Varsity; 1st runner for Junior Varsity
- Placed 1st in the 2019 Williston Northampton Shaler Invitational JV race
- Placed 6th in the Founder's League Championship JV race

VOLUNTEER/COMMUNITY SERVICE

Manulife Financial LPGA Classic 2016/2017

Summer 2016&2017

- Volunteered on the practice range for 8 hours/day for the durations of the championship

“Gaining Ground” – gardening program at local elementary school

Winter 2017

- Designed a curriculum on healthy eating and gardening for 2nd-5th graders for 4hours/week and 12 weeks/year

Tour Guide

Fall 2018–Present

- Represented Loomis Chaffee School while providing perspective families with tours twice a week throughout the school year

ACADEMICS

Pioneer Academic Research Program

Summer 2020

- Conducted self-directed research in mathematics of ranking with Dr. Tim Chartier, professor of Mathematics and Computer Science at Davidson College (tichartier@davidson.edu) for 10 weeks
- Composed research paper titled “Incorporating Pre-Game Rankings to Colley, Massey, and Elo Methods,” which proposes new ways in which pre-existing rankings can be used for predictive ranking and measures their effectiveness in the NFL regular seasons and Dell Technologies Match Play (professional golf tournament)
- Paper findings presented live in the 2020 Midwest Sports Analytic Meeting (MSAM) hosted by Central College

Kaggle Data Analysis

Summer 2019

- Completed independent data visualization research project using python
- Processed professional golf tour performance data to identify patterns and make predictions regarding their future performance using machine learning

Brown University Pre-College Summer Program

Summer 2018

- Completed Introduction to Engineering and Game Theory courses

SKILLS

Computing: Python, Illustrator, Photoshop, Microsoft Excel, Microsoft Word

Art/Design: Drawing, Painting, Silkscreen Printmaking, Digital Art

Fabrication: Laser Cutting, Wood Working, 3D Printing

Languages: English (fluent), Chinese (fluent), French (basic knowledge)