Madison Jaffrey

Education

**Duke University,** Durham, NC BSE Expected May 2026

Majors:­ Mechanical Engineering & Public Policy

Cumulative GPA 3.5

Coursework: Engineering Design and Communication, Materials and Tech Energy Future, Engineering Innovation, Intro to Policy Analysis, Intro to Data Science, Political Analysis of Public Policy, Policy Choice as Value Conflict

**Duke Pratt in Costa Rica,** Summer 2022, Mac Anderson Foreign Language Scholarship (Spanish Immersion)

**Duke in Glasgow,** Fall 2023 at University of Glasgow

**Flintridge Preparatory School**, La Cañada Flintridge, CA May 2021

Cum Laude Society, Deans List, California Scholarship Federation (Associate, Bronze, Silver)

Work Experience and Community Engagement

**Southern Nuclear Company**, Plant Vogtle 1&2 Engineering Intern, Waynesboro, GA Summer 2024

* Supported plant maintenance and operations as an on-site member of the Components Maintenance Optimization department
* Identified and evaluated system vulnerabilities and reliability of plant systems and assisted with short and long term solutions
* Collaborated internally across departments and externally across the fleet and the energy industry

**Williams & Jensen**, Legislative Intern, Washington D.C. Summer 2023

* Monitored Congressional hearings and generated detailed memos for key clients and publication to Bloomberg Government
* Drafted material for congressional testimony and synthesized research into a visual aid for congressional members
* Developed and distributed a weekly markets update for financial services clients

**Jewish Life at Duke,** Development Intern, Durham, NC Fall 2022-Spring 2023

* Ran digital fundraising campaigns and co-lead fundraising efforts of over $50,000
* Updated donor databases with information relevant to the cultivation cycle
* Provide logistical support for events with a focus on fundraising and alumni

**Port O’ Call**, Assistant Manager, San Marino, CA Summer 2021

* Processed new inventory, fixed old inventory discrepancies, and co-managed social media
* Communicated with venders to address shipment delays and custom pieces

**Pasadena Educational Foundation (PEF),** Youth Leader Teacher’s Aide, Pasadena, CA Summer 2019

* Teacher’s aide for kids 3-12 in a Spanish-immersion and a French-immersion class
* 2019 Summer Youth Leader Award of Distinction

Awards:

* Eagle Scout, BSA, Inaugural Class of 2020
* Silver Award, GSUSA, 2016
* Gold Presidential Service Award**,** 2017, 2019, 2020

Leadership and Community Involvement:

**Duke Swing/Sabrosura,** Dancer and choreographer, Duke University Fall 2021 – Present

* Swing Treasurer 2022-2023

**Outing Club,** Duke University Fall 2021 – Present

* Outreach Chair/Media Team 2022-2024

**Camp Kessem,** Member, Duke University Fall 2021 – Present

**Delta Gamma**, Beta Theta Chapter, Honor Board Member 2023-2025

Skills:

Languages: Conversational Spanish

Coding Languages: Exposure to R, Python, Maple, LaTeX, Arduino, and MATLAB

Computers: Microsoft Suite, Adobe Photoshop, Solid Works, MAXIMO