

Jaden Stone

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in/jaden-stone

203-444-3225

Paid Work Experience

SHOP ASSISTANT, URBAN WOOD AND STEEL; HAMDEN, CT — SUMMER 2021 AND 2022

Performed detailed independent work, like applying polyurethane/stain and selecting lumber, coordinated teamwork, like crating of products, and difficult manual work, like moving steel. Was responsible for cleanliness of shop.

STUDENT TECH WORKER, HAMDEN ARTS DEPARTMENT; HAMDEN, CT — 2018-PRESENT

Recruited by the Hamden Director of Fine and Performing Arts, Eric Nyquist. Works on lighting design and operation, and sound for events in venues around Hamden. Often must act independently in critical situations, without supervision.

TUTOR; NEW HAVEN, CT — SUMMER 2020-SUMMER 2021

Supplemented learning during virtual schooling. Covered all areas of STEM and some humanities.

ADMINISTRATIVE ASSISTANT, CIRCLE OF LIFE MIDWIFERY; HAMDEN, CT — SUMMER-WINTER 2020

Circle of Life Midwifery is a midwifery practice that services Connecticut. Managed file system and electronic charts.

DESIGNER, LUCKEY LLC; NEW HAVEN, CT — SUMMER 2019

Luckey LLC designs, fabricates, and builds “Luckey Climbers”—award-winning sculptural play structures for children in venues worldwide. Conducted independent and cooperative design projects aimed to market and exhibit Luckey LLC.

ASSISTANT TO THE LIGHTING DIRECTOR, FOOTE SCHOOL THEATER; NEW HAVEN, CT — SUMMER 2018

Recruited by director of The Foote School Theater Department, Julian Schlusberg. Assisted the lighting director and led camp attendees, ages 10-15, with lighting and set construction.

Education

LAFAYETTE COLLEGE, EASTON, PA — INTEGRATIVE ENGINEERING, ROBOTICS FOCUS; BSE, ANTICIPATED 2024

Marquis Award (merit scholarship); Franklin DeLuca Scholarship (merit scholarship); 3.85 GPA

Studied abroad in Bonn, Germany — Spring 2022 Semester

HAMDEN HIGH SCHOOL, HAMDEN, CT — 10TH-12TH GRADE; HIGH SCHOOL DIPLOMA, 2020

Top-Ten Scholar (class size of 396); High Honors; Connecticut Seal of Biliteracy (Spanish); 3.95 GPA

Skills & Interests

Engineering: Fusion 360, Inventor, AutoCAD, Rhino, Robot Simulation (WeBots), Additive Manufacturing, Fabrication

Programming: Python, Git, Visual Studio Code, Arduino, MATLAB, Mathematica, AutoHotkey, LTSpice

Office: Microsoft Office Suite, Google Drive Suite, Illustrator, Photoshop, InDesign, file system organization

Hobbies: R.C. quadcopters and planes, small-engine-vehicles, rock climbing, bicycling

Soft Skills:

Communication: created and presented multiple award-winning presentations and engineering reports during high school, successfully debated at the college level, selected to moderate 300-person presentation by Leland Melvin (astronaut)

Leadership: vice-president of Lafayette ASME, president of three competitive STEM clubs during high school

Technical Literacy: accomplished in diverse technical pursuits independently, academically, and professionally

Notable Extracurriculars and Recognitions

LAFAYETTE MOTORSPORTS TEAM — MEMBER 2021-PRESENT

Participates in design and construction of an all-electric car to race in the Formula Hybrid competition.

LAFAYETTE ELECTRIC TRACTOR PROJECT — LEADER 2022-PRESENT, MEMBER 2021

Leads members of Lafayette ASME in retrofitting ICE tractor with electric motor, battery, and safety systems.

HAMDEN SIKORSKY STEM CHALLENGE TEAM — PRESIDENT 2018-2020, MEMBER 2017

Oversaw all tasks with special attention to concept, design, and analysis.

Third Place 2018 — Stability augmentation system (design, engineering reports, presentations, prototype)

Third Place 2019 — Novel helicopter cockpit (design, engineering reports, presentations, system integration lab)

HAMDEN CHAPTER OF THE TECHNOLOGY STUDENT ASSOCIATION — MEMBER 2017-2020

Participated in club activities and competed in TSA competitions at state and national level.

National Finalist 2019 — “Structural Design and Engineering” (balsa bridge construction)

HAMDEN HIGH SCHOOL FIRST ROBOTICS TEAM — PRESIDENT 2018-2020, MEMBER 2017

Led peers in construction of robotic mechanisms and fundraising efforts.