

Adena Russel

(917) 515-3162 • adena.russel21@gmail.com

EDUCATION

Academy of Information Technology and Engineering, Stamford, CT

Expected June 2021

- GPA: UW 3.88/W 4.81, in top 5% of class. Will complete 14 AP courses. ACT: 34

EXPERIENCE

Intern, Game2learn Lab, NC University System

June 2020 – July 2020

- Was chosen as one of 30 interns from across the country.
- Created multiple STEM-related CS-infused curriculums for North Carolina and South Carolina schools.

Student, iResearch Institute

June 2020 – August 2020

- Worked to develop a research project related to bioinformatics (Identifying Key Driver Mutations Implicated in the Progression of Kidney Adenocarcinoma).
- Used R and Python to statistically analyze thousands of gene samples and create gene regulatory networks and pathways.

Intern, Affectiva Summer Trainee Program

July 2020 – August 2020

- Learned about Machine Learning Applications. Participated in Makeathon using Affectiva's private software, Emotion AI SDK.
- Created a Zoom plugin to display emotion metrics for presenters and attendees through the use of Emotive Avatars and real-time feedback.

Intern, SoundWaters Summer Research Intensive

August 2020

- Completed two-week field research program which involved testing water quality in a variety of ways, recorded populations numbers for various species, and analyzed kinds of pollination in the Sound.

Project Developer, LITAS for Girls

March 2020 – July 2020

- Worked with young women from across the country to develop a web-based application.
- Users input their zip code and cases numbers, health advisories, and government Twitters are displayed.

Web Designer, AR Web Design, Stamford, CT

September 2018 – Present

- Created custom websites for multiple local businesses and non-profits (contact for portfolio).

Freelance, Sandra Eagle TLF, Stamford, CT

September 2018 – Present

- Created website and event promotional material for local activism events and virtual conferences.

Marketing Executive, Fed Up Co.

May 2020– Present

- Oversees and works with the marketing team at Fed Up. Am responsible for promoting Fed Up's brand through various social media platforms.

ADDITIONAL EXPERIENCE

President, Medical Mentorship, AITE

June 2017 – Present

- Was elected as president freshman year and have shadowed at multiple medical practices.
- Handles all club communications (to students and medical professional, Instagram, and website), recruiting. Club membership expanded from ~15 to over 40 students.

Regional Director, EduSTEM Initiative, Stamford, CT

May 2020 – Present

- Founded the Stamford chapter of the international youth-led initiative, EduSTEM initiative.
- Created CS-related curriculum for middle-school aged students, holds workshops, manages volunteers and communication.

SKILLS AND ADDITIONAL ACTIVITIES

Computer Languages: Python (1 yr.), GitHub (0.5 yr.), HTML/CSS (1.5 yr.), Java (1 yr.), JavaScript (1 yr.), R (1 yr.) ; Blockbased languages: (4+ yr.)

Activities (current and past): SPEF Service Learning Mentor, eBookBuddy with Catalyst Coalition, Stamford Hospital Volunteer, Stamford Virtual Tutoring Service (Co-Founder), Student Tutor Organization, JCC Swim Instructor, AITE Student Government (Representative), AITE Student Ambassador, Mayor's Youth Leadership Council, Girl Up!, Varsity rowing, New York Academy of Sciences: "1,000 Girls, 1,000 Futures," National Honor Society, Sociedad Honoraria Hispánica, National Science Honor Society (Co-Vice President)

Out of School Courses: Johns Hopkins Center for Talented Youth - AP Biology (A, 94%) and AP Microeconomics (A, 93%)

HONORS AND AWARDS

Stamford BOE Outstanding Achievement • NCWIT Regional Honorable Mention • Stamford Literary Contest Honorable Mention • Excellence in PLTW Human Body Systems • National Honor Society • Spanish Honor Society • National Science Honor Society (VP) • AP Scholar with Honor