

# GRACE FAGAN

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## EDUCATION

### TUFTS UNIVERSITY

Medford, MA - Class of 2021  
BS Computer Science  
GPA: 3.7 ; Dean's List

### UNI. SAN FRANCISCO DE QUITO

Quito, Ecuador - Spring 2020  
Spanish Coursework

### NEW TRIER HIGH SCHOOL

Winnetka, IL - Class of 2017

## SKILLS

### LANGUAGES

C, C++, HTML 5/CSS,  
ML, JavaScript, Python, R

### TOOLS

Adobe Creative Suite,  
ArcGis, D3.js, Git  
Version Control, Jupyter  
Notebook, Microsoft  
Office Suite, Tableau,  
Node.js, SQL, Wordpress

### RELEVANT COURSEWORK

Data Structures  
Algorithms  
Machine Struc. & Assembly Lang.  
Programming Languages  
Web Programming  
Visual Analytics  
Environmental Data Visualization  
Visualizing Information

## EXPERIENCE

### DATA VISUALIZATION DESIGN INTERN | Fall 2020 - PRESENT

MIT Playful Journey Lab | Cambridge, MA

- Collaborate with designers, developers, and teachers to create an analytics dashboard for ShadowSpect, a game-based assessment tool for educators
- Design and implement interactive data visualizations with back-end functionality using D3.js and Node.js to harness API data
- Use participatory design principles to prioritize feature implementation through co-design work with teachers

### GRAPHIC DESIGNER | 2018 - 2020

Tufts University Dining Services | Medford, MA

- Design and print flyers, posters, and meal cards for dining center food specials and themed meals while following university branding guidelines

### GRAPHIC DESIGN & COMMUNICATIONS INTERN | Summer 2019

Friends of the Earth | Washington, DC

- Collaborated with the Art Director on projects including print and layout design, web and social media graphics, and data visualization
- Solved organization-wide problems creatively using visual design techniques
- Balanced multiple projects at once and prioritized work based on urgency
- Prepared completed projects for printing

### HOSTESS | 2018 - 2019

Valley Lodge Tavern | Wilmette, IL

- Greet and seat restaurant guests in an engaging manner
- Manage flow of guests on busy evenings

### OUTDOOR GUIDE | 2017 - 2019

The Northwest Passage | Wilmette, IL

- Led single and multi-day kayaking and backpacking trips
- Taught on-water safety and kayak rescue techniques to clients of all ages
- Collaborated with a co-leader to plan trip logistics and pack gear
- Learned to adapt quickly to changes and calmly address challenges

## EXTRACURRICULARS

### TEACHING ASSISTANT | 2018 - 2019

The Petey Greene Program

- Tutored incarcerated students in a college math course for 3 hours / week at a Massachusetts Correctional Institution
- Worked with a math professor to develop course curriculum while incorporating student feedback
- Learned from an incarcerated individual's experiences while providing a human connection to the outside world

### PRE-ORIENTATION LEADER | 2018 - 2020

Tufts Wilderness Orientation

- Lead 8 first years on a 5-day camping trip prior to orientation
- Facilitate group dynamics and encourage community on trail

### STUDENT-ATHLETE | 2013 - 2018

Tufts Varsity Cross Country and Track

- Practiced 2 hours per day, competed on weekends
- 2-time Illinois All-State Track and Field honors