

Emily Fang

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EXPERIENCE

Happyland Camp, Brooklyn, NY — *STEM Teacher*

Jul 2019 - Aug 2019

- Created beginner physics lesson plans for 4th-7th graders.
- Facilitated Engino Discovering STEM project construction, research, and presentation material.

Witny Summer Guild, New York, NY — *Student*

Aug 2018 - Aug 2018

- Lead an application development and survey team under the guidance of Verizon mentors.
- Received 40 hours of instruction of HTML, CSS, Javascript, and Figma under software engineers.

EDUCATION

Hunter College, New York, NY — *Bachelor's of Arts*

Aug 2018 - May 2020 [GPA: 3.76]

Relevant Coursework: Introduction to Computer Science/ Calc with Analytic Geom 2/ Software Analysis & Design 1/ Discrete Structures/ Software Analysis & Design 2/ Computer Architecture 1

Extracurriculars:

- Hunter College Esports & Game Design [Game Design Fellowship: Sept 2018-Present]
- Hunter ACM [Secretary: August 2018-Present]

Brooklyn Technical High School, Brooklyn, NY

Sept 2014 - Jun 2018

Industrial Design Concentration/ NYSED Career & Technical Education Diploma/ Honor Roll

Extracurriculars:

- Makerspace Club [Secretary: Sept 2016-Jun 2017]

PROJECTS

MeetNYC — *Front-End Contributor*

Jan 2019 - Jan 2019

<https://github.com/MRuvinshteyn/meetNYC>

- Flask website for conducting searches on events and locations in NYC.
- Made with the intention of aiding tourists or those unfamiliar with the city to explore and discover various establishments and events.

SKILLS

- C++, CSS, HTML, Python
- 3D Modeling (Autodesk Inventor)
- Linux
- G & M coding for Machinery: CNC mills [CNC Motion] and FlowArm [Robocell]
- Experience working with:
 - Laser cutters & Plasma cutters
 - Chop & Band saw
 - Drill press
 - Belt & Table sander
 - VEX Robotics
 - Power tools & Hand tools
- Microsoft Office/ Powerpoint
- Krita

AWARDS

- Daedalus Honors Scholarship Recipient
- Dean's List

LANGUAGES

- English- Native Proficiency
- Japanese- Elementary Proficiency

CERTIFICATIONS

- Autodesk Inventor Professional Certification License [Jun 2018 to Present]
- Autodesk Inventor Certified User [Jun 2014-Present]