

TECHNICAL SKILLS

Python | Flask, Django, Pandas, Jupyter Notebooks

Javascript | Express, Node, React, Mongoose

Ruby | Rails

Mathematics | formal logic, probability & statistics, combinatorics

C, HTML, CSS, SQL

DEVELOPMENT EXPERIENCE

Checkers App

Using vanilla JS, HTML, and CSS, I wrote a fully functional checkers game.

Stat-Generator

Using Express, mongoDB, and Liquid Express, I wrote a full-stack application which allows teachers to generate and edit random data using Random.org and Desmos APIs

Honey Badges

Using a standard MERN stack, mongoDB, and Semantic, my team and I wrote a stylized activity tracker with social media features. I generated workflow and managed our codebase for the project while also writing parts of both the Express API and React client.

Grader

Using Django, the Django REST framework, Postgres, and React, I wrote a gradebook application with views for both teachers and students.

WORK

Edgemont Junior/Senior High School | Scarsdale, NY | September, 2016 – June, 2022

High School Mathematics Teacher – created Desmos activities and exploratory activities to move more than 50% of lessons across 100% of units to be student-centered

Nest+M (M539) | New York, NY | September, 2015 – June, 2016

Upper Grades Mathematics Teacher – designed and implemented 100% of a new curriculum for math research

Goodwin Procter LLP | New York, NY | October, 2012 – December, 2013

Business Law Associate – wrote transaction documents to effect re-organization of billion-dollar investment vehicle for Brookfield, established investment vehicles for private real estate fund

EDUCATION

General Assembly | Certificate in Full-Stack Software Engineering | Remote | December 2022

New York University School of Law | J.D. | New York, NY | May, 2012

Teachers College, Columbia University | M.A., Math Ed | New York, NY | February, 2015

Northwestern University | B.A., *cum laude*, English | Evanston, IL | June, 2009

Independent Learning – Verified Certificates

HarvardCS50 & HarvardCS50 Web (online via edX, 2018-2019) || Ruby on Rails, an introduction (Johns Hopkins online course via Coursera, 2020) || Python for Data Science (UC San Diego online course via edX, 2021)