

MICHAEL BAUM

Developer

<https://michael-baum.netlify.app>

Westchester, NY

TECHNICAL SKILLS

Python | Flask, Django, Pandas, Jupyter Notebooks

Javascript | Express, Node, React, Mongoose

Ruby | Rails

Mathematics | formal logic, probability & statistics, combinatorics

C, HTML, CSS

DEVELOPMENT EXPERIENCE

Checkers App

Independent Project – wrote fully functional checkers game using vanilla JS, HTML, and CSS.

Stat-Generator

Independent Project – wrote full-stack application which allows teachers to generate and edit random data using Random.org and Desmos APIs

Honey Badges

Group Project – created workflow and wrote pieces of client and backend for MERN activity-tracking app with community features.

Grader

Independent Project – Wrote Django and React based gradebook application.

Independent Learning

Verified certificates – HarvardCS50 & HarvardCS50 Web (online via edX) || Ruby on Rails, an introduction (Johns Hopkins online course via Coursera) || Python for Data Science (UC San Diego online course via edX)

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

FORMAL 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