

Terrence Barone

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New York, NY

908.591.7593

barone.terrence@gmail.com

About

Young professional who is motivated by all topics in technology. Enthusiastic student/developer that is determined to break into the tech field. Ready to hit the floor running to develop professionally and to be a key player in a team.

Education

Kean University / Bachelors in Computer Science

Jan 2016 - Dec 2020, Union N

Coding Academic Tutor

- Assisted peers with course work and preparation for exams.
 - Worked alongside students to effectively write clean and organized programs, demonstrating OOP skills.
 - Proactively instructed students how to troubleshoot different functionalities in their programs and when an error occurs determining where the bug is located.
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Relevant Coursework

Advanced Web Design

HTML semantics, CSS properties (display, flexbox, grid, position, animations, color, ect), ID and Classes, Responsive design using media queries, DOM manipulation, Local storage, Sessions & Cookies, and PHP/MySQL.

Analysis of Algorithms

Algorithmic analysis techniques, advanced data structures, sorting (merge sort, heap sort, insertion sort, selection sort, bubble sort), average-case characteristics, graphs, trees, and Big O notation.

Database Management Systems

Data Query Language (DQL), Data Manipulation Language (DML), Data Definition Language (DDL), Data Control Language (DCL), HTML form inputs, data entry validation, select to display/insert/update/delete data from database through the browser, XAMPP, and phpMyAdmin.

Data Structures & Algorithms

Abstract Data Types, implementations of classical ADT's (list, sets, stacks, queues, trees, and graphs), recursion and dynamic programming, and elementary algorithm analysis.

Skills

HTML5 / CSS5 / Javascript / Java / Git / Github / MySQL / PHP / React