

DUSTIN MURRY

DM

SUMMARY







Knowledgeable Software Developer with in-depth knowledge of Java, JavaScript, MySQL, Python and HTML/CSS. Skillful in developing, optimizing and reworking systems to meet specific customer requirements. Expertise in writing codes in various languages, and developing high-quality, user-friendly, scalable and bug-free software. Skilled with data structures, object-oriented concepts and design patterns.

EXPERIENCE

COMPUTER SCIENCE TUTOR

Self-employed | Red Bank, NJ | Jan. 2021 - Current

- Taught programming languages such as Java, Python, MySQL, JavaScript, HTML5, CSS3, and Assembly.
- Explained complex concepts using easy-to-comprehend terminology.
- Served as computer science tutor for Brookdale students.
- Coached students on computer science topics in person and through online portal.
- Organized tutoring environment to promote productivity and learning.
- Developed training handouts and study materials.
- Promoted dedication to learning through encouraging, energetic approach.
- Assessed student abilities and established learning goals.
- Used engaging teaching methods to help students achieve success in computer science.
- Built productive relationships with students by creating goals and developing customized plans.
- Assisted students in finding useful study methods to enhance academic performance.

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TECH SKILLS

- Java
- Python
- Object-Oriented Programming
- MySQL
- SQL
- JavaScript
- jQuery
- JSON
- HTML
- CSS
- Git
- Visual Studio
- React JS
- Node JS
- Assembly
- Epic Systems
- Agile Methodologies
- SDLC processes

EDUCATION AND TRAINING

Bachelor of Science

*University of Massachusetts,
Amherst, MA*

May 2010

Doctor of Physical Therapy *Physical Therapy*

*Drexel University,
Philadelphia, PA*

April 2015

Associate of Science *Computer Science*

*Brookdale Community College,
Lincroft, NJ*

Expected in May 2022

▪ Relevant Coursework:

- *Computer Logic/Design*
- *Computer Arch. Assembly*
- *Programming I and II*
- *System Analysis/Design*
- *Database Concepts*
- *Data Structures and Algo.*
- *Operating Systems Tech.*
- *Adv. Software Project*

PROJECTS

Personal Website

Jan. 2021 – Current

Description: React JS based
Personal Resume Website - Using
JavaScript, HTML/CSS, and JSON.

URL: <http://dust-murr.github.io>

Virtual Mouse

June 2021 – July 2021

Description: Controlling mouse
virtually by tracking hand using
webcam – Using computer vision
and python.

URL: <https://github.com/dust-murr/Python-Programming/tree/main/Virtual%20Hand%20Mouse>

ONCOLOGY PHYSICAL THERAPIST

Memorial Sloan Kettering | Middletown, NJ | Jan. 2018 - Current

- Maintained organized documentation and patient files utilizing Epic Systems.
- Reviewed physician referrals and patient medical records through Epic Systems to formulate accurate diagnosis and best course of treatment.
- Taught patients and families about self-care treatments and exercises that can be completed at home.
- Initiated appropriate intervention programs for patients suffering from cancer.
- Evaluated and assessed patients to establish measurable goals and promote restoration of functional abilities.
- Identified and properly documented patient goals, evaluated progress and planned reevaluation.
- Rendered highest quality of care when interacting with patients and families.
- Collaborated with practitioners by recording and sharing physical therapy outcomes and recommending modifications to treatment plans.

EARLY INTERVENTION PHYSICAL THERAPIST

TheraCare | Staten Island, NY | Oct. 2015 – Jan. 2018

- Provided home/community-based physical therapy services for infants and toddlers with developmental delays and disabilities.
- Examined children through assessments that measured attention, cognition, body mechanics, balance, mobility, and other physical limitations.
- Evaluated results of assessments to diagnose areas for improvement in each child.
- Attended interdisciplinary meetings that included physicians, occupational therapists, speech therapists, behavioral therapists, and special instructors.

ORTHOPEDIC PHYSICAL THERAPIST

Brill Physical Therapy | New York, NY | Nov. 2015 – June 2016

- Assessed and treated patients with varied diagnoses.
- Performed treatments that included joint mobilization, strengthening, muscle re-education, modalities (heat/ice/electrical stimulation), and manual therapy.
- Participated in rehab-driven inter-disciplinary team meetings.
- Excelled in ability to individualize treatment plans and PT techniques to meet the specific needs of patients.