Nil Patel

Phone #: 917-379-0848   Website: https://nilpatel.tech   Email: nilpatel.cs@gmail.com

Graduate-level IT Professional interested in gaining professional experience in software development and testing. Currently actively looking for any internships, part-time and full-time positions

Education

Queens College, Queens, New York   **Expected May 2021**
Computer Science Master's Program. 4.0 GPA to date.

St John's University, Queens, New York   **Graduated**
Bachelor of Science in Computer Science with Honors and minor in Philosophy, Major GPA 3.54, Scholastic Excellence Scholarship, St. Johns Dean's List, National Philosophy Honors Society, Physics Honors Society, St John's Honor Program.

Technical

Languages
Java, MySQL, Oracle, Visual C++, Python, HTML5, CSS, JavaScript, Prolog
Software
Eclipse, NetBeans, Visual Studio, Swing, GitHub, MySQL Workbench, Excel
Platforms
Windows, Mac OS

Related Courses

- Advanced Data Structures
- Software Engineering
- Software Design
- Distributed Computing
- Operating Systems
- Logical Design
- Numerical Methods
- Advanced Calculus
- Algorithms

Employment History

HSI-Stem Research Assistant (Peer Mentor) for CS320   **Jan 2020 – May 2020**
Responsibilities included attending and moderating with recitations, assisting students with difficult and abstract material in class and during individual office hours, strategizing with professor to improve student performance and understanding. Worked Remote in response to Covid-19.

Related Course Experience

Distributed Computing Term Project (Covid19 Shopping Simulation)
Java, Synchronization using Java Monitors, Multithreading, Unit testing, Regression testing, Client Server Architecture.
Numerical Methods (Multipurpose-Calculation Function)
Switch-Case, Method Overloading, Binary Search, Simpsons Rule, Recursion.
Term Project (Stack-Based Intermediate Compiler)
Java, IO Reader/Writer, Java Enumerated Class, Multiclass Inheritance using Abstract class, Exception handling
Senior Project (MTG Deck Builder)
Use- Case, Regression testing, Exception Handling and Logging, Debugging, Unit testing, SQL database, Swing GUI, Java Interface, JSON parsing, GitHub Collaboration.
Advanced Data Structure Final Project (Parking Reservation System)
Group Leader, Server-Client Implementation, Encapsulation, Two-Dimensional Array, Exception Handling.
Operating Systems Final Project (Car Simulator)
Multithreading, Interfacing, Thread Synchronization, Client-Server Structure, Exception Handling.
Computer Lab Project Leader (Fall 2013-2015)
Organized and led the completion of multiple programs utilizing Object Oriented Programming methods within strict timelines. Designed programs in Java, MySQL, Prolog and C++. Debugged code and added regression tests and unit tests.

Extra-Curricular Activities

Otaku Brigade (St John's Club) - E-Board Event Coordinator, Movie Committee Head
Was in charge of logistics and finance of large campus events and collaboration with organizations from other Universities. Tasked with organizing, promoting and managing club's monthly movie nights.
Duel Society (Student Group) - Group Leader and Administrator
Organized campus tournaments and group trips to official tournaments to compete at a national level.

Language Skills

Japanese: Intermediate (Reading, Writing, Speaking), Spanish: Intermediate (Reading, writing); Basic: Speaking, Chinese: Basic (Speaking, Reading Writing)