

# Shawn Di

## Analyst Assistant, Research and Development Department

New York, NY - Email me on Indeed: [indeed.com/r/Shawn-Di/378ceb70aefb4bc3](https://www.indeed.com/r/Shawn-Di/378ceb70aefb4bc3)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Front End Web Developer(angular/ react)

INNOVATIS TECHNOLOGY - Jersey City, NJ - May 2016 to Present

- Designed, developed, maintained e-commerce Application using C#, WCF, ASP.NET 4.0, MVC 4.0, Entity Framework, Web API(C#), LINQ, JavaScript, JQuery, Angular JS, HTML, CSS(Less), React JS, Gulp, Git, MongoDB and SQL-Server.
- Involved in the design and development of application on ASP.Net, MVC4(C#), and MVVM Frameworks(Angular).
- Implemented AngularJS Controllers to maintain each view data, implement Angular Service calls using Angular factory, service, provider, create components with directive and using various angular modules like UI-router.
- Collaborating with designer to create views for a responsive, single page app in React.js and maintaining current code.
- Redux for state management, Webpack for build system, Babel, ES6, server-side rendering
- testing (unit Test-Jasmine, selenium automatic test WebDriver)
- Relational Database design (Design database structure 3NF), debugging applications, and collaborated work with other team members using Git version control system.
- Build Web API using C# on Microsoft SQL Server. Develops and maintains new and existing reports, testing and delivery of the overall system.
- Communicate with technical and business leaders on business requirements, system related capabilities, programming progress, and enhancement status.

#### Web Developer

NUMERIX - New York, NY - May 2015 to May 2016

- Served in professional Quality Assurance team for the market's leading provider of risk analytics technology for the testing, structuring modeling and developing Website using JavaScript, JQuery, Html, CSS, C#, SQL-sever, Web Form, MVC structure.
- Created Selenium WebDriver Automatic test cases, and developing website using JavaScript(Jquery).
- Collaborated with developers and team to mitigate testing and verification difficulties and solve defects before delivery to clients.
- Analyzed data from Track testing results with TestTrack for multiple financial products. Utilized Python to grab data from Yahoo finance, using SQL to process data from SQL-Server Database.
- Utilized Numerix Cross Asset Excel (VBA) and C++ to create models for pricing, including, European option, American option, lookback option, barrier option, interest rate, foreign exchange and other derivatives.

#### ASP.net Developer

zhongtian security - shenyang - August 2012 to December 2013

- Extensively involved in designing and developing GUI using C#.Net, ASP.NET, JavaScript and CSS.

- SQL development, Creating Queries, Database and Table Design, Conducted daily system data maintenance
- Partnered in research on the paper package industry, including establishing the whole industry chain Database (SQL-Server), assessing the basic data, predicting future industry trends, analyzing data, and completing the industry-depth report. Use SSIS import data from Excel.
- Analyzed the daily data maintenance(SQL) and conducted system risk management via VBA.
- Participated in a 5-week margin trading business system testing project conducted by the Securities Margin Trading Department.
- Extensively used LINQ for grouping and sorting the Dataset, Used SSRS Reports and SQL Reporting Services for the reports development.

## EDUCATION

### **Master of Science in Financial Engineering**

STEVENS INSTITUTE OF TECHNOLOGY - Hoboken, NJ  
2015

### **Bachelor of Science in Software Engineering**

LIAONING TECHNICAL UNIVERSITY - Huludao, CN  
2012

## SKILLS

VBA (2 years), Financial Analysis (2 years), Financial Modeling (2 years), Excel (1 year), c# (2 years), angular JS (4 years), react JS (1 year), Javascript (5 years), CSS3, HTML5, Node JS (2 years), gulp/grunt, Mongo DB (1 year)

## ADDITIONAL INFORMATION

Specialties: C++ programming, R, Equity Research, Financial Modeling