

VINCENT GARAVUSO

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EDUCATION

Farmingdale State College, Farmingdale, NY

Bachelor of Science in Computer Programming and Information Systems

Concentration: Programming

- Cumulative GPA: 3.6, *cum laude*
- Dean's List awarded all semesters
- Relevant Coursework: C++, Java, C#, Advanced SQL, PERL, Android Development, Data Structures, Database Systems, Data Communications, Linux/Unix Operating Systems, Systems Analysis & Design, Management Info. Systems, Management Theories & Practices

WORK EXPERIENCE

North Atlantic Industries, New York

January 2020 – Present

Software Engineer

- Redesigned outdated BOM management tool from the ground up using ASP.Net Core, Angular and SQL.
 - Improved upon old database calls by creating an API using Entity Framework.
 - Employed Bootstrap 4 for clean and consistent elements and PrimeNg to display data in sortable, searchable tables.
 - Worked with current users to improve upon the UX of the application, effectively making their work faster and efficient.
- Participated in an agile environment to design, develop, code and test mainly C, C++, and C# applications.
- Converted legacy customer-facing sample applications to depend on the same libraries as NAI's new sample apps, eliminating the need to rewrite additions twice.
- Redesigned GUI's for customer facing applications using Qt framework.
- Designed power supply controller in C#/WPF, allowing users to receive input/output from a power supply while working remotely.
 - Used C commands wrapped in C# class to send data over USB.

North Atlantic Industries, New York

May 2019 – August 2019

Software Engineer Intern

- Built, tested, and developed scalable and modular software products centered around automating NAI's code review.
- Wrote over 15 automated tests to check for and log violations of NAI's software standards in their source code.
- These tests included: line length, braces matching, statement and loop formatting, naming conventions and many others.
- Worked to maximize efficiency of each test/algorithm.
- Verified each software standard test case with unit and integration testing.
- Tools: C#, WPF, SQLite

PROJECTS AND RELEVANT EXPERIENCE

Portfolio Site: *ASP.NET Core, Angular 10, Typescript, Bootstrap 4, MVC*

- Calls on Github API to display all my public repositories, including their descriptions and top languages used.
- API calls, object mapping and displaying dynamic html elements has all been done using Typescript.
- Utilized Bootstrap 4 and CSS to achieve aesthetic and modern UI design.
- Hosted as an App Service on Azure.

Data Processing/Querying, SQL/Linux

- Used SQL*Loader to import 2 million rows of data into a linux hosted database.
- Normalized the data multiple times to achieve 3NF.
- Wrote advanced queries using joins, correlated subqueries, aggregates, nesting and more to gather data fitting specific requirements.
- Developed an in-depth tutorial on how to accomplish these goals and presented to a large group.

ADDITIONAL INFORMATION

Skills: C#, Java, SQL, Android, Xamarin, Azure, Windows Forms/WPF, JavaFX, XAML, Python, .Net Core/Framework, REST, Visual Studio, Android Studio, NetBeans, Eclipse, Linux/Unix, Photoshop, Version Control (Git/Github), Agile/Scrum, Debugging, Unit/Integration Testing, Computer Architecture

Hard Skills: Analytical Problem-Solving, Ability to Learn Quickly, Written and Verbal Communication, Time Management, Attention to Detail, Collaborative Teamwork, Multi Project Management