

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 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

- Participated in an agile environment to design, develop, code and test C, C++, and C# applications.
- Converted hardware testing suite to depend on new libraries and reworked CLI to a more intuitive flow.
- Redesigned GUI's for customer facing applications using Qt framework.
- Recommended and implemented code architecture and UI redesigns.

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 limits, braces matching, layouts of 'if', 'for' and other statements, naming conventions and many more.
- Worked to maximize efficiency of each test to ensure quick run times.
- Verified each software standard test case with unit and integration testing.
- Tools: C#, WPF, SQLite

Root LLC, Los Angeles, CA

January 2019- July 2020

Software Engineer

- Created database management software for administrative and maintenance use, written in C#/ .Net Core.
- Built a REST based web service using ASP.NET core to expose CRUD operations to end users.
- Designed a clean UI using WPF and XAML.

PROJECTS AND RELEVANT EXPERIENCE

File Naming, C#

- Processes files for unique values such as revision numbers and model names, creating folder names based on them.
- Used to update directories in bulk.
- Implemented hash tables to improve lookup speeds.

Taskr, Android Application, Java/Android Studio

- An app created to help manage, organize and remind daily personal tasks.
- Utilized Auth0 for user authentication.
- Worked alongside a 3-person team in a cooperative effort.
- Assign geo-locations to tasks using Google Maps API.
- Used modern UI/UX design principals to give the app a clean and intuitive feel.

Data Processing/Querying, SQL/Linux

- Used SQL*Loader to import 2 million rows of data into a local 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