Corey Nance

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LinkedIn
My Profile

SOFTWARE ENGINEER

A results-driven Software Engineer that is excited about software development with a strong innovative skillset. Committed to learn and take on any challenge. Very much self-motivated to stay on top of the latest industry trends with the ability to work collaboratively or independently.

Areas of Expertise:

- Agile software development(scrum) / Waterfall Development methodologies
- Full Stack Development
- Software Development Lifecycle / object-oriented design
- Proficient Troubleshooting
- Server-side Development
- Software Security
- Rest API

TECHNICAL PROFICIENCIES

Windows File Systems:	Microsoft Word, PowerPoint,
Backend Programming Languages:	C/C++, Java, Python, Node.js, MVC
Frontend Programming Languages:	HTML, CSS, JavaScript, UI/UX
Database:	MySql, MongoDB, Amazon DynamoDB, nosql, relational database concepts
Latest Technologies:	React js, Angular js, vue.js, Express, Passport, Handlebars, GraphQl, AI, Git, XML, typescript, Cloud computing (Azure, AWS, google cloud), Spring boot framework JSON, junit testing.

EDUCATION & CERTIFICATIONS

Southern New Hampshire University   Graduated
BS-Computer Science, concentration Software Engineering   April 2023

- Cumulative GPA: 3.9
- Coursework: Software Test, Automation& QA, Client/Server Development, Software Reverse Engineering, Emerging Sys Arch & Tech, matlab
- Learned systems engineering, unit testing, data structures, software architecture, data structures, algorithms docker, angular.js, and android application development, software requirements reports, maven, embedded software with embedded c, configuration management, with software configuration. Desktop applications, Devops, ci/cd.

University of New Hampshire Coding Bootcamp   Graduated
Certificate-Full Stack Software Development   August 2021

- Completed Grade: A+
- Coursework: Full Stack Development, Agile Methodology, React, GitHub
- Learned: CSS3, HTML5, APIs, jQuery, bootstrap, web technologies, web services, database schemas, scalability

Coursera   Graduated
Google IT professional certificate   March 2023

- Learned: information technology, .NET, TCP, information security, computer systems, Linus, UDP, basic electronics, Linux, it support services.

ACADEMIC PROJECTS

- **My Portfolio (https://coreynance.github.io/My_Portfolio/)** - The objective of this portfolio is to provide an area where one can learn all about me and my various work and education experiences. This portfolio does this by showcasing various assignments I worked on in school and incorporating a testing/playground page where one can see the various skills that I have learned. Please click the title link to be taken to the page or use the url if the link does not work on your system.

- **Secure Coding** – This Project is to create secure code to handle some of the potential vulnerabilities that can come up when creating a program. Some of these vulnerabilities consist of buffer overflows, encryption, numeric overflows, and SQL injection. C++ is used for the programing language along with static code analysis tools and a sample security policy.

- **Software Reverse Engineering** – Take the given binary code, convert it to assembly code, interpret that into C++ code. Next, find potential vulnerabilities and integrate code that fixes vulnerabilities. Convert back to assembly and then back to binary. Tools used were Bless to help decipher the assembly code, GDB (GNU source-level debugger), and Assembly and C++ languages.

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern, Geaux Network, Boston, MA   05/2023 – Present
Develop new user-facing features and translate designs into high quality code as well as create backend functions.
- Increased analytical skills by analyzing and documenting problems, recommending solutions, and initiating corrective actions.
- Assisted in manual software testing mobile and web applications to enhance user experience.
- Consistently followed up on problem resolutions and informed project managers of status.
- Participated in team collaboration meetings using ms teams, organized Github branches, utilized critical thinking with code input and suggestions.
- Follow team software development practices and methodologies and write code consistent with company defined standards.
- Learned website performance tuning, bug fixing, and working with React.js, test-driven development.

Motorcoach Operator, Boston Express Bus, Londonderry, NH   09/2016 – Present
Provide great customer service for up to 51 people per trip while safely and efficiently operating a Motor coach.
- Adapted to ever changing conditions to operate a Motorcoach in a safest and most efficient way.
- Administered daily safety and maintenance inspections before and after vehicle use.
- Enhanced customer experience with friendly, safe, and professional Interactions with customers/riders.
- Demonstrated strong time management by maintaining my available driving hours.
- Meticulous about keeping track of customer tickets and passenger count.
- Diligently Maintaining a perfect driving record and current CDL.

Automotive Sales Consultant, Clark Jeep, Kelly Jeep Chrysler, Melrose Dodge, Methuen, Lynnfield, Melrose, MA   04/2004 – 2016
Assist customers to obtain the perfect vehicle for them while providing great and flexible customer service.
- Gained extensive retail experience by supporting customers through the process of purchasing a vehicle.
- Keep a running log of how many cars I am selling for the month.
- To keep long time records of previous customers to maintain lasting relationships.
- Deadline-driven by producing a selling average of 20+ cars by the end of every month.
- Achieved an average Customer Satisfaction Score of 80% or higher.
- Diligently sustained a high level of Product Knowledge to keep up with the new vehicle releases.
- Make sure to have the most up to date knowledge of current vehicle inventory.
- Attention to detail when using the Customer Management System to help keep track of my customer database.