



Nicholas Burton

PROGRAMMER

Details

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DRIVING LICENSE

Full

PLACE OF BIRTH

San Antonio

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Skills

HTML5

jQuery

SQL

HTML & CSS

PHP

Python

C#

Performance Optimization

JavaScript

Hobbies

Ice Hockey, Figure Skating,
Basketball

Profile

Dedicated Programmer competent in following conventional practices and working independently. Offering technical expertise in programming and application analysis and design. Brilliant team player with in-depth knowledge of development tools and languages. Excellent JavaScript knowledge base with 4+ years of industry experience as part of a computer program development team. Competent at explaining complex computer development ideas to any audience.

Employment History

Programmer, IBM, Austin

FEBRUARY 2021 – PRESENT

Responsible for providing valuable designs for developing projects involving application development, migrations, and additions to existing applications for all corporate and regional office in the group with an employee count of 2500 individuals

- Participated in project meetings with other technical staff, business owners, and subject matter experts.
- Assessed and developed design requirements for projects.
- Communicated with the development team in meetings or writing while assessing detailed specifications against design requirements.
- Develop, test, implement, and maintain application software.
- Recommend changes to develop recognized software application processes.
- Develop technical designs for application development.
- Develop application codes for software programs.

Programmer, Apple, Seattle

JANUARY 2017 – DECEMBER 2020

Responsible for developing and maintaining automated processes for data loading, report generation, data transfers, and quality control for the mobile application platforms used within the marketing and advertising department of the group.

- Collaborated with internal IT colleagues to identify innovative solutions for the optimization of system performance.
- Utilized established and standard methodologies to QC data.
- Developed, supported, and refined automated ETL processes.
- Developed robust QC processes to maintain data integrity.
- Contribute to every phase of the development lifecycle.
- Write well-designed code that is practical and testable.
- Conduct software analysis, debugging, testing, and programming.
- Manage Java and Java E.E. application development.

Education

Master's in Computer science, Washington University , St Louis

JANUARY 2018 – NOVEMBER 2020

- *Relevant Courses: Compilers and operating systems, systems and architecture, fundamentals of computer science, data structures, information theory, and web applications and databases.*

Bachelor of Science in Computer Programming, Harvard University, South Boston

JANUARY 2009 – NOVEMBER 2013

Courses

Languages

English

German

Italian

Project Management Professional Certification , PMP Global, Online

JANUARY 2020 – AUGUST 2020

Certified JavaScript, HTML5, and Microsoft ; Computer Learning Center, Boston, MA

FEBRUARY 2019 – DECEMBER 2019

Accomplishments

- Accomplished a 39% decrease in the applications' memory consumption by removing duplicate strings using Garbage Collection Logs analysis and refactoring the code.
- Discovered and enhanced code inefficiencies, leading to a 47% increase in application stability.
- Created SOP, resulting in a 50% reduction of analyst off-hours.
- Directs extensive review of over 2,450 technical directives. Verified component applicability and incorporation status and ensured all aircraft and associated equipment were maintained using the most updated configuration.