JOSHUA BROWN

Software Engineer

CONTACT

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OBJECTIVE

I am seeking a position as a Software Engineer to utilize my experiences in software design and standards.

TECHNICAL SKILLS

- Jira
- Agile
- Linux
- Windows
  Programming Languages:
  - Java
  - Python

BUSINESS ACUMEN

- Continuous application of attention to detail
- Time management, focused and persistent
- Active problem solver
- Diligent team-oriented contributor
- Oral & Written Communication
- Customer Service

RELEVANT COURSE WORK

SOFTWARE PROGRAMMING
METROPOLITAN STATE UNIVERSITY | 2017 - 2020
- Built the following programs:
  - Developed a honey pot to detect cyber-attacks for future research.
  - Java Virtual Machine using Python.
  - Lexical analyzer used to parse data from code to create binary executable code.
  - Text predictor using string matching.
  - N-Queens backtracking algorithm to use recursion.

OPERATING SYSTEMS
METROPOLITAN STATE UNIVERSITY | 2020
- Explored process, memory, storage, protection, and security management.
- Investigated binary and counting semaphores.
- Worked to understand multithreading.

ALGORITHMS AND ANALYSIS
METROPOLITAN STATE UNIVERSITY | 2020
- Assessed algorithms for efficiency and identified which are most logical.
- Calculated time and space complexity.
- Examined various automata such as PDA, DFA, NDFA, and Turing Machines.

STATISTICS
METROPOLITAN STATE UNIVERSITY | 2019
- Processed and manipulated data sets derived from sources and statistics.
- Produced final statistic reports outlining key insights.

WORK EXPERIENCE

GUEST SERVICES/SALES ASSOCIATE
ARROWHEAD GOLF CLUB | MARCH 2017 - PRESENT
- Managed Pro Shop, sales, and inventory using Excel.
- Communicated with customers to ensure an enjoyable experience.

EDUCATION

BACHELOR OF SCIENCE, MAJOR IN COMPUTER SCIENCE, MINOR IN MATHEMATICS
METROPOLITAN STATE UNIVERSITY
2017 - MAY 2020

ASSOCIATES OF ARTS, BUSINESS
ARAPAHOE COMMUNITY COLLEGE
2016 - 2017

Requirements

- Ability to absorb information from feedback and apply it.
- Ability to learn and implement new technologies quickly.
- Resolve problems of basic complexity.
- Manage and prioritize conflicting tasks to minimize impact on deadlines.
- Participate in designing software solutions.
- Provides timekeeping information against assigned work.

References

Ryan Rocha
Assistant General Manager at Arcis
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