

James R. Senior

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OBJECTIVE

Obtain a position in an environment where my experience in software can be used, challenged, and developed.

EDUCATION

Chapman University

Orange, CA

Bachelor of Science, Software Engineering Degree anticipated May 2017

Current GPA 3.3

SKILLS

Operating Systems: Windows, Linux, OS X

Programming Languages: Java, C#, C++, Python, XAML

Tools: Visual Studio, Eclipse, Xcode, Weka, MATLAB

Applications: Microsoft Word, Excel, PowerPoint

RELATED COURSES

Object-Oriented Programming

- Implement the Java language to explore various concepts surrounding Object-Oriented Programming, such as classes, methods, inheritance, abstraction, polymorphism, and encapsulation.

Visual Programming

- Create programs within the Visual Studio IDE that execute through a GUI, applying Object-Oriented principles and structures in C# along with visual aspects in XAML.

Data Science

- Analyze Big Data sets through multiple algorithms, tools, and techniques. With focus on data visualization and analysis, we applied data mining algorithms to popular machine learning packages.

Data Structures

- Study major data structures such as arrays, stacks, lists, queues, trees, hash tables, and graphs. Implemented through projects involving advanced algorithms in C++. We executed various applications of data structures, considering utilization of existing data sets, and researched performance trade-offs.

RELEVANT EXPERIENCE

Software Engineering Intern

May 2016-Present

Flux Power

- Developed programs to assist in testing control modules for lithium batteries before assembly.
- Worked with programmable power supplies to create multiple scripts simulating various scenarios to help troubleshoot the batteries.
- Learned many techniques in handling and programming embedded systems such as the ones used in the battery packs we manufactured.

CUSTOMER SERVICE EXPERIENCE

Associate

February 2014-December 2014

Panera Bread

- Assisted guests with any problems they encountered to optimize their experience and create a welcoming environment.
- Learned how to properly understand the expectations of a guest in an environment where service is the primary purpose of their visit, to maintain a healthy and friendly workplace.