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# NAME

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**Location ▪ Phone Number ▪ Email**

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**OBJECTIVE**    Seeking an internship or co-op in Software Development.

## EDUCATION

**Bachelor of Science Degree in Computer Science,** GPA: 3.67 – Graduation: Aug 20XX
University of Central Florida - Orlando, FL

## SKILLS

Java Programming
- Developed a dozen programs such as UI applications, algorithms, data structures, and testcase generators
- Experience in overloading methods, object inheritance, and generic method and classes

C Programming
- Developed dozens of programs such as virtual machines, abstract data structures, and ciphers
- Experience in utilizing dynamic memory allocation, bit manipulation, and pointer arithmetic

Development Techniques
- Experience in analyzing data structures and algorithms in terms of time and space complexity
- Knowledge of a dozen common algorithms such as binary search, quicksort, and Djikstra's Algorithm
- Knowledge in dynamic programming, backtracking, and divide-and-conquer techniques

Systems Knowledge
- Understanding of systems architecture such as caching, paging, CPU scheduling, and virtual memory
- Some understanding of threads, monitors, and inter-process communication

Developer Tools
- Intermediate Knowledge in: Git, Bash, Visual Studio, Netbeans, Android Studio, MySQL, Apache Hadoop, Apache Maven, Microsoft PowerShell, AJAX, LAMP Stack, Spring Framework, Drupal

## PROJECTS

Skip Lists - Utilizing C
- Probabilistic dynamic data structure that improves upon linked lists' limitations.
- Compatible with any Comparable object by use of generics and overloading of the compare method.
- Methods included for insertion, deletion, and search in logarithmic runtime.

PL/0 Compiler **-** Utilizing C
- Interprets and executes code written in the PL/0 language.
- Top-down parsing catches and generates syntax errors.
- Creates assembly code that is passed to a virtual stack machine to be executed.

Turnip Android Mobile Application
- Designed and created a mobile application that notifies user when one of their friends are available.
- Directly involved in forming the idea, outlining requirements, and designing and creating the software.

## EXPERIENCE

Disney World | Orlando, FL  Aug 20XX – Aug 20XX
**Guest Services Coordinator**
- Organizing and coordinating services to assess and resolve thousands of complex resort-wide problems.
- Awarded Disney World's "Way to Go" Award for outstanding guest service.

**Attraction's Attendant**    Aug 20XX – July 20XX
- Ensured safe and efficient operation by coordinating with a team in a fast-paced environment.

## ORGANIZATIONS

UCF Engineering Honor Society, Member Dec 20XX – Present