

ALEXANDRO NIETO

SOFTWARE ENGINEER



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Baltimore, MD 21222

EXPERIENCE

LinkLabs - Operations Intern

Annapolis, MD • 07/2019 - 01/2020

- Gathered, organized and input information into a digital database
- Completed reports and documentation on the software loaded onto devices for employee and customer use
- Performing tests on devices being distributed
- Uploading software onto devices

LANGUAGES

- **Spanish**
Bilingual

PROJECTS

- Binary File Reader: creating a C program to read a given binaryfile and print specific instruction addresses and their operandaddress, instruction address, opcode, and operands into anoutput file.
- Mini Programming Language: created mini programminglanguage based on a given grammar. Included lexicalanalysis/tokenization and syntax analysis using Java, andinterpreter using EMACS Lisp.
- Image Recognition App: used full stack tools to create a Flaskapp to facilitate a successful image recognition app that canidentify pieces of clothing and accessories using trained AI.
- File Encryptor: created a program that encrypts and decryptsfiles by generating a 16-byte key for each file, using the AES cipherto scramble the files contents, and utilizing the key to reverse it,and restore the file
- Budget Tracker: created a fully functional budget trackerAndroid app that helps users manage their finances in various ways.

PROFESSIONAL SUMMARY

Adaptable student with knowledge of code development, configuration management, and database design. Seeking an entry level position with increasingly responsible projects in the fields of software engineer/software development, aiming to leverage my abilities to successfully fill the vacancy on your team.

EDUCATION

Towson University

Towson, MD, US • Expected graduation 05/2024

Bachelor of Science (B.S.): Computer Science Candidate

SKILLS

- C++
- Java
- SQL
- HTML5
- JavaScript
- Kotlin
- Python

RELEVANT COURSEWORK

- Calculus I and II, Discrete Mathematics
- General Computer Science (C++)
- Database Management Systems (SQL)
- Systems Programming(C)
- Network Security, Data Communications
- Programming Language Design
- Principles of Computer Organization
- Operating Systems (C, Assembly)
- Software Engineering
- Object Oriented Design and Programming
- Intro to Computer Science I & II
- Data Structures & Algorithm Analysis