

ABRAHAM SABEH

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CAREER OBJECTIVES AND TECHNICAL SKILLS

A career as a **Software Engineer** or **Computer Engineer** that helps to contribute to the growing world of technology. I want to be able to innovate new and exciting ideas in a way that advances the current state of computer programs and systems.

Technical Skills:

- C/C++/C#/Python/Java/MATLAB/GO (most experienced with C#/GO/MATLAB)
- Embedded Systems
- VHDL design
- Circuit Theory
- Computer Networks
- Network Security
- Digital Logic
- Autodesk Certified User: Inventor (June 18, 2014)

EDUCATION

University of Massachusetts Dartmouth
Major: Computer Engineering

North Dartmouth, MA
Graduation Date – 05/2019

EXPERIENCE

Personal and Academic Projects:

- Securing IoT (Internet of Things) Devices – In progress (to be completed in May 2019)
 - Currently working on a way to implement four different booting processes across an **SoC** (System on Chip) board, where we need to measure the time and power consumption of each as well as implement a way to secure a boot-up from the **FPGA**
- Text Based Adventure Game Group Project
 - Worked with a team of three members to successfully create a text based adventure game using C# that displays a core understanding of **Object Oriented Programming**
- CISC24 Microprocessor
 - Created a fully functional Complex Instruction Set Computer (**CISC**) microprocessor capable of processing 24 bit words
- CRUD application
 - Successfully created a **CRUD application** using **GO** that queries database and allows user to edit and update records

Work Experience

- Technical Analyst – McLaughlin Research Corporation (2019 - 2020)
- Engineer – Naval Undersea Warfare Center (2020 – Present)