Carroll Vance

cs.vance AT icloud.com
Portfolio: https://csvance.github.io
Github: https://github.com/csvance

Profile

I am an undergraduate student studying Computer Science and Mathematics at the University of Houston. I have professional experience working with embedded systems for a variety of applications including robotics/automation, networking, and storage.

Skills

Developed applications for embedded micro controllers and microprocessors such as PIC, Cortex M0, M3, M4, A7, A57 and more. Extensive experience with embedded Linux including a successful board bringup for Cortex A7 processor. Familiar with a large variety of buses, sensors, and actuators. Well versed in C/C++/Python. Familiar with using EDA software to design circuits and create schematics. Embedded machine learning inference.

Education

UNIVERSITY OF HOUSTON – 2018-CURRENT

Expected Graduation: Fall 2020 with B.S. in Computer Science & Minor in Mathematics

HOUSTON COMMUNITY COLLEGE – 2016-2018

Studied Computer Science

CUMULATIVE GPA – 4.0

Experience

SOFTWARE ENGINEER, WILDCAT DEVELOPMENT; SPRING, TEXAS – 2009-2016

Designed and implemented embedded software for micro controllers and microprocessors for companies such as Baker Hughes, Hewlett Packard Enterprise, and National Oilwell Varco.

SYSTEMS VALIDATION TESTER, WAILUA TECHNOLOGY; HOUSTON, TEXAS – 2008-2009

Designed and executed a test plan for a flash storage technology for Spansion Inc. and Virident Systems

Extracurricular

CULLEN COLLEGE OF ENGINEERING IEEE MAKERSPACE – OFFICER, 2019-CURRENT
DATA ANALYTICS IN STUDENT HANDS - MEMBER, 2019-CURRENT