## KHAN SHAIKHUL HADI

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github.com/shaikhulhadi   in linkedin.c		EDUCATIONAL	
Research Assistant		PhD in Computer Science	
2021-Present	💡 Florida, USA	2021 - Present	
ARPERS RESEARCH GROUP, UCF		University of Central Florida (UCF)	
Research Focus: Crash consistency for parallel programming on persistent memory machine			
Teacher Assistant		B.Sc in Electrical and Electronic Engineering	
2022	💡 Florida, USA		
SCHOOL OF ENGINEERING, UCF		BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOL-	
Course: CDA 5106 (Advance Computer Architecture). Helped students to understand complex			
topics and evaluate programming & exam papers		Major in Electroics	
Research Engineer	0	SKILLS	
2017-2018	Dhaka, Bangladesh	Dragramming Language	
BUET-ENERGYPAC RESEARCH COLLABORATION HEQEP SUB-PROJECT CP#3817		Programming Language	
Designed and characterized BUET VLSI Standard Cell libra	ry	C++, PYTHON, VERILOG, MATLAB, BA	ASH SCRIPT
RESEARCH EXPERIENCE		Specialized Tool	
<b>Durable Atomicity for Non-Volatile Memory</b>	y (NVM)	GEM5 SIMULATOR(BEGINNER)	
2021-2022	Paper submitted in DAC'23		
Developed a generalized solution to provide durable ato	micity for parallel programming in	SNIPER MULTI-CORE SIMULATOR	
NVM machine			
BUET LED Driver Digital IC		ONLINE CERTIFICATION	
2017-2018	Fabricated on June, 2018		
Designed a mixed signal constant current LED driver contr	roller using BUET VLSI Standard Cell	Introduction to Bash Shell Scrip	-n_n
library. Fabricated IC has been tested and analyzed for future development purpose		Project Network (Coursera)	Jul 2020
Optoelectronic Properties of InGaAs/InP	Single Photon Avalanche		-0-0-
Diode (SPAD)		INTEL (COURSERA)	Aug 2020
		Unlocking Information Security	,000
Developed a MATLAB simulatior to model for InGaAs/InP		TEL AVIV UNIVERSITY (ISRAELX)	Aug 2020
theories . Work published on IEEE International Conference	e on Telecommunications and Pho-		0.0
tonics (ICTP)		IBM (Coursera)	Oct 2020
ACADEMIC PROJECTS		<b>Technical Support Fundamenta</b> GOOGLE (COURSERA)	Oct 2020
Personal OS		Using Python to Interact with th	
Developed personal OS from scratch to understand in	nteraction between OS and hard-	• -	Oct 2020
ware.Current state features boot-loader, interrupt handle		GOOGLE (COOKSERA)	
Future development plan includes terminal command, fil	*		
Load-flow Analysis Software		WORKSHOP & TRAINING	
Matlab based Gauss-seidel load flow analysis software v	vith Matlah GUI user interface and	GEM5 BOOTCAMP 2022	
could analyze up to 100 power grid bus	vici matab dor aser mienace ana	Organizer: University of California, Davis 🏥 5 Days	
64KB SAP Microcomputer		Workshop on RISC-V Technology and SiFive Tutorial	
16-bit, single bus, 16 instruction SAP microarchitecture ci	rcuit is designed in Proteus Circuit	Organizer : SIFIVE INC & IEEE BANGL	.adesh 🛗 One Days
Simulator. C++ based compiler is designed to convert as		Basic Microcontroller Course	0.0
for the circuit.		Organizer:PLANETER LTD	Two Months
Sentiment Analysis of Stocks from Financial Ne	ews with tweeter feedback		
Analyze public sentiment for a company stock based on rel			
Language Toolkit (nltk) library.For each headline, releva			

Reproduction of *High-Accuracy Detection of Early Parkinsons Disease through Multimodal Features and Machine Learning* with updated database.

High-Accuracy Detection of Early Parkinsons Disease through Multimodal

sentiment to reevaluate public sentiment.

**Features and Machine Learning**