**Ikenna Duru**

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**EDUCATION**

**Bachelor of Science, Major: Computer Science    12/2017**

University of Houston - Houston, Texas    **GPA in Major: 3.90**

**Minor: Mathematics. 12/2017**

University of Houston - Houston, Texas

**Certificate of Nursing Aid** (including CPR & AED)    **07/2010**

Faith Health Training institute - Houston, Texas.

**RELEVANT COURSEWORK**

C/C++, Java w/ OOP & UML, Comp Organization/Architecture, Data Structure, Data Base, Algorithms, Automata, will complete Operating Systems, Machine Learning & Software Engineering by May, 2017.

**RELEVANT PROJECTS**

**REU** (Research Experience for Undergraduates)**,** University of Houston – Houston, TX, Summer 2016.

* A program funded by NSF. Worked on an image processing project in a Computer and Electrical Engineering Lab.

**Group Project/Cluster Computing,** University of Houston – Houston, TX, Spring 2016.

* Given the Hash for a password, it involved programming 4 FPGAs to communicate with each other and divide and conquer the task of cracking the password with brute force.

**EXPERIENCE**

**Research Assistant,** University of Houston - Houston, Texas    06/2016 to 08/2016

* Implement the Oriented Water Shed Algorithm for 2D image segmentation & develop a 3D image segmentation Algorithm from that.

**Certified Nurse Aid,** Memorial Hermann Hospital - Houston, Texas    03/2013 to 03/2014

* Patient care; checking vital signs and blood sugar, assist with activities of daily living.

**Double Disc Grinder Operator,** CookCompression - Houston, Texas    10/2008 to 01/2009

* Used disc grinder to grind compressor ring to specified size and assembled.

**SKILLS**

**Computer:** C++, Java, SQL, Linux, Excel, UML, Word and Corel Draw.

**Machines:** Forklift, CNC Machine, Heat Gun.

**Other:** Customer Service, Soldering, Cashier.