**EDUCATION \_** **Amherst College,** Amherst, MA.  **Aug. 2017 – May 2021**  
B.A. Computer Science, Mathematics, Music.  **Honors/Awards:** Presidential Award Semifinalist, Mathematics Association of Ghana (MAG) competition winner, Excellence International, L’Alliance Francais Diploma, World Discoverers Charity Foundation Competition Finalist, Koenig Scholar (Amherst College).

**PROJECTS \_**  
 • Built a web application that uses the Clarifi API to distinguish between objects that are considered as trash, compostable or   
 recyclable (http://greenaive.co/).  
 • Built my personal website using HTML5, Javascript and CSS3 with a high level of creativity. (www.obedamissah.com).  
 • Developed a python algorithm which checked the validity of UPC Bar Codes of products.

**WORK EXPERIENCE \_   
Amherst Information Technology Department |** *IT Specialist*.  **Aug 2017 – Present**  
 • Offer phone and walk-in technical support for both students and faculty.  
 • Responsible for public computing facilities maintenance and software troubleshooting.  
 • Responsible for setting up Moodle online quizzes/testing/training for the college.  
• Completed BIOs, imaging and network connectivity for 700+ computers and displays.  
 • Assisted with the administration of data protection suites, including disk encryption and backup monitoring applications. **Ghana Code Club** | *Intern(remote).* **May 2016 – July 2016** • Developed and tested a code to identify locations given their geographic coordinates using python. (*LocateMe* project).  
 • Facilitated learning in the laboratory environment for 14 teens.  
 • Explored and planned workshops for peer education on coding and its usefulness to the present generation. **Louisville StartUp Weekend** | *Student Developer*. **Oct. 2016**  
 • Designed a temporal health app (Jam IT) in a team using RESTful API to suggest ways for working out. **OB-SKolA Foundation** | *Founder*. *.*   **Jan. 2015 – Present**   
 • Organize concerts across Ghana with the aim of raising funds for needy teens to gain a high school education.  
 • Fully fund 3 students for high school education each year.   
**New Covenant Manufacturing Company** | *Sales* *Manager*. **Dec. 2012 – Aug. 2017**   
 • Gathered data and prepared accounting reports for management.  
 • Developed formats to provide comparative data for presentations and internal distribution.

**ADDITIONAL ENGAGEMENTS \_**  
***Concert Pianist & Organist*** **April** **2008 – Present**   
 • Performed solo performances at the National Theater of Ghana, the British Council Hall, the State Banquet Hall and on a   
 national television show to support child education.   
 • Performed Handel oratorios with the National Symphony Orchestra of Ghana to raise funds in aid of childhood cancer.  
  
**SKILLS \_   
Programming Languages:** Python, Java, Ruby, C/C++.   
**Web Technologies:** HTML5, CSS3, BootStrap, Javascript.  
**Computer Skills:** Git/Github, Unix/Linux, MATLAB, Photoshop, FinalCut ProX.  
**Spoken Languages:** English, French, Twi, Fante, Creole. **Additional Interests:** Photography, Designing, Chess, Scouting, Social Entrepreneurship.