

Philemon E. AbdEllah

About Me

I am a certified Full Stack Developer, who is passionate about technology and programming. I build my projects with intense care and love for the creative problem solving skills that coding brings to the table. I am the type of person who strives for perfection in my work. However, the way I achieve that perfection is by looking at failure as an opportunity to be creative and learn new strategies. Learning and creativity are my hobbies; therefore, programming never seems like a chore/or "just a job" to me. Rather, programming gives me a chance to enjoy the activities I love!!

Dev SKILLS

FullStack Development
(MERN) Stack
Command Line Workflow
HTML
CSS
JavaScript

Technologies

OOP	API
MVC	JSON
PWA	XML
Git	<u>SQL</u>
React.js	MySQL
Handlebars.js	PostgreSQL
Express.js	<u>Nosql</u>
Node.js	MongoDB
Bootstrap	<u>GraphQL</u>
jQuery	Debugging
SASS	Heroku
REST	GitHub
	Visual Studio Cod

SOUND SOFTWARE

MIDI
Audio
Notation Softwares
Loop Softwares
Phrase Samplers
Digital Workstations
Ripping and Conversion

Music Notation

Encore (my first music software)
Finale
Forte
SCORE
Sibelius-Avid
Mozart Music Processor

Music Sequencers

GarageBand
Audacity
Acid Pro
Pro Tools LE & HD
Adobe Audition
FruityLoops
Logic Pro

EDUCATION

Master's Degree, ABD

Ethnomusicology
Wesleyan University, Middletown, CT
2010 — 2015

Bachelor's Degree,

Interdisciplinary Studies:
Music and Culture
University of Alabama, Tuscaloosa, AL
2010 — 2012

LANGUAGES

English
Arabic Modern and Classic
Egyptian Arabic

WORK EXPERIENCE

Full Stack Flex Developer

UConn BOOT CAMP / Hartford, CT/ March 2022 - September 2022

I have just finished UConn Boot Camp and have been certified as a Full Stack Flex Developer. UConn Boot Camps are intensive learning programs offered through the University of Connecticut in partnership with Trilogy Education Services.

- Building front-end websites from scratch.
- Using ready-made frameworks that enable efficiency .
- Creating full-stack single-page web applications using REST API, routes and AJAX methods.
- Implementing structured and unstructured databases to convert static websites into dynamic ones.
- Utilizing the standard basics of social coding including, source control and issue tracking.
- Teamwork and project management skills as a collaborator and independent programmer.

Composer and Musician

SELF-EMPLOYED / 2003 - Present

I have been studying, performing and composing music since I was a child, and have been working in the music field for as long as I can remember. I am fluent in and worked extensively with both Eastern microtonal and Western classical music theory and tradition. I have composed for solo instrumentalists, small ensembles, and large orchestras, as well as for film and theater. My compositions have been performed internationally, including the Yamaha Center in Japan, the Smithsonian Institute, and the Indonesian Embassy in Washington, DC.

- Composing for single instruments, small ensembles, and orchestras
- Composing for theater and film
- Composing for Eastern microtonal, standard Western musical, and multiple experimental music systems
- Orchestral transcription
- Musical arrangement and orchestration
- Use midi-based systems for composition and notation
- Mixing, mastering and recording using a variety of technologies
- Syncing sound with video
- Performing in multiple capacities as a cellist and pianist
- Writing musical theory and exercise manuals

Owner and Craft Artist

LIZMONIA LUTHIERY /Middletown, CT/ 2013 – 2020

In addition to being a musician and composer, I am also a specialist in building and repairing musical instruments. During the time that I ran my own instrument building and repair shop, I worked with musicians and instrument collectors throughout Connecticut, including some associated with the Hartford Symphony.

- All aspects of business management
- Instrument building (mainly violins, cellos, and electric bass guitars)
- Instrument repair (all viol family)

Music Library Assistant

WESLEYAN UNIVERSITY/Middletown, CT / 2012 – 2015

During my time as a graduate student at Wesleyan, I was also employed by Wesleyan Music Library–Olin Library. I spent three years working with all aspects of music media archiving, field recording, and SoundEditing.

- Copy cataloging: downloading, editing, and adding new OCLC records to voyager
- Digitizing, cataloging and archiving the world music collection
- Editing existing, updating and creating new E-Res web pages.
 - E-Res is an electronic reserve for media and learning materials to be accessed remotely by professors and students throughout the duration of their Course
- Sound recording Concerts and Key Lectures i.e. -
 - Sound Editing, repping and cataloging the resulting files
 - Archiving and inserting the files as data points into the Library of Congress data system.

Research Assistant

UNIVERSITY OF ALABAMA/Tuscaloosa, AL / 2010 – 2012

Under the supervision of Dr. David Michelson of Vanderbilt University, a historian and an editorial committee member of The Syriac Reference Portal, I was contracted to translate Arabic historic letretures, and Coptic Christian hymns. Then to enter them to the project's database. The project is a research partnership between Vanderbilt University, Princeton University, Marquette University, Texas A&M University, New York University, and the Beth Mardutho Research Library. Currently the project is funded by the National Endowment for the Humanities and the International Balzan Prize Foundation, formally funded by my alma mater University of Alabama.

- Translating Coptic Christian hymns
- Translating Historic Arabic manuscripts
- Entering translated data and research findes to the project's site : syriaca.org: The Syriac Reference Portal

Teaching Assistant

UNIVERSITY OF ALABAMA/Tuscaloosa, AL / 2010 – 2012

While at the University of Alabama I took on a part-time position as an online class instructor, teaching Modern Standard Arabic language.

- Teaching elementary Arabic Classes (Arb-101 and Arb-102)
- Developing online teaching materials and assigning curriculum
- Online one on one tutoring
- Testing and grading student