

JOSEPH QUATELA

*EE & CE with a passion for
CS, Research, and Design*

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📞 (954)-593-3365

📍 Fort Lauderdale, FL

🌐 Personal Website

🌐 LinkedIn

🐙 Github

EDUCATION

Bachelor of Engineering

Electrical / Computer Engineering

Vanderbilt University

📅 2020 - current

📍 Nashville, TN

🎓 GPA: 3.9

RELEVANT COURSES

Programming and Problem Solving in
Python

Program Design and Data Structures

Digital Systems

SKILLS

Programming

HTML5/CSS/JavaScript

React JS

Python

C++

Unity

Version Control

Git

Production

Photoshop

Figma

Premier

Audacity

WORK EXPERIENCE

English Foreign Language Teacher

Nashville International Center for Empowerment

📅 Fall 2020 - current

📍 Nashville, TN

- Taught multiple classes of 5 to 25 recent immigrants aged 20 - 60 years old English as a second language to help improve their quality of life and professional development in the United States.
- Built relationships with over 50 students and ensured all students felt attended to with personalized feedback, class discussions, and encouragement
- Offered outside resources to help students really grasp the language such as a groupMe messaging systems, individual learning, and Pimsleur courses.

Data Comparator

Structural Building Components

📅 June 2017 - August 2017

📍 Fort Lauderdale, FL

- Rigorously compared thousands of monetary data points to ensure the company was being accurately charged and compensated.
- Attended to the needs of senior members to improve office productivity.

PROJECTS

Family Tree Database Program

Creator

- Created a Python class file to represent a person object, modeling the object after a person in relation to their family.
- Developed a client program with 12 options to allow the user to develop a family tree by smoothly adding, editing, and deleting person objects.
- <https://github.com/josephquatela/Family-Tree-Project>

Independent Research Project

Principal Investigator

- Lead and conducted a study aimed to understand how driving speed relates to arrival time under real world conditions (with lights, traffic, etc.).
- Spent over 100 hours acquiring real time, real life data for the project and found that speeding only became significant after 7-9 miles of travel.

Recruitment Matching App

Creator

📅 November 2021 - current

- Commissioned by Zeta Tau Alpha Vice President to develop an app to improve the ease and accessibility of their recruitment process.
- Developed the full-stack experience in Swift for use on MacOS so users can easily access and utilize the application.