MATTHEW LEON
VANDERBILT UNIVERSITY CLASS OF 2021

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CAMPUS INVOLVEMENT

PUBLIC SPEAKING

- Represented the Eastern United States in the Optimist Oratorical Championship against seven other competitors from all over the world
- Vice President of Vanderbilt Toastmasters, overseeing outreach, education of new members, and the web presence

ORGANIZATION & LEADERSHIP

- VandyHacks V board member serving on the Hacker Experience and Logistics teams
- Founder and Vice President of Vanderbilt Free and Open Source Software Society, educating students on and promoting the ideas of open source

SELECTED PROJECTS

SOFTWARE ENGINEERING INTERN | FULCRUM GT | MAY '18 - PRESENT

- Pitch Pipe for Alexa | UB Hacking 2017 | Best Freshman Hack | voice-controlled pitch pipe for singing in tune whenever Alexa is nearby
- StreamPlay | lightweight, cross-platform app to stream audio from one computer to another over a network
- FlightSense | HackIllinois 2018 | data mining project utilizing machine learning to determine the chance of a flight cancellations due to weather

CLASSES TAKEN OR IN PROGRESS

- CS 1101 - Problem Solving (A+) | CS 2201 - Data Structures (A) | CS 3251 - Intermediate Software Design (In prog.) | CS 2231 - Computer Organization (In prog.) | CS 2212 - Computer Organization (in prog.)

INDUSTRY EXPERIENCE

SOFTWARE ENGINEERING INTERN | FULCRUM GT | MAY '18 - PRESENT

- Built the backend for an education-focused web and mobile app involving websocket communication
- Worked as DevOps engineer for 5 intern teams implementing continuous integration/continuous kubernetes deployment for intern projects

A/V TECHNICAL ASSOCIATE | VANDERBILT UNIVERSITY | AUG '17 - PRESENT

- Test AV systems in classroms, troubleshoot technical issues, and oversee equipment pickup and delivery

TECH DIRECTOR | FIRST COVENANT CHURCH | JUNE '17 - PRESENT

- Designed, purchased, installed, and trained volunteers on a new audio/visual system for first covenant church including a completely new sound and visual system and enterprise-grade mesh network deployment. As if that isn't enough, designed, created, and currently maintain web presence

Technical Skills
(in order of proficiency)

Go
Kubernetes/Helm
Git
Continuous Integration
GNU/Linux
CSS
React/Elm

(in no particular order)

C++
Javascript
Kotlin
Java
Serverless deployment
Microsoft Windows
Apple MacOS
Amazon Web Services

Additionally

Public speaking
Singing
Problem solving
Teamwork
Agile/Scrum