

# ERIC MICHAEL NIEMEYER

## COMPUTER ENGINEER & WEB DEVELOPER

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Stamford, CT

Website



<http://niembro64.com/projects>

## Work Experience

### Rockwell Automation

**Engineer II (2 Years)** *Designed & Realized Machine Execution Systems (MES)*

**Client: Lucid Motors** (Casa Grande, AZ)

- Configured MES on-site in production environment
- Connected 3rd-party systems
- Debugged & wrote scripts for mismatch connectivity

**Client: 3M Incinerator Facility** (Cottage Grove, MN)

- Managed small development team
- Maintained requirements, schedule, and action items

**Client: Cooper Tires** (Texarkana, AR)

- Documented Customer Requirements

**Client: Black & Decker**

- Documented Customer Requirements

ON-SITE w CLIENTS

REMOTE

2019 - Today

### Maverick Technologies | A Rockwell Company

**Software Developer (1 Year)**

**Client: Continental Tire** (Mt. Vernon, IL)

- Fixed customer-generated bugs, Java, Pnuts, code tracking, Jira

**Client: Maple Leaf Foods** (Shelbyville, IN)

- Supported Business Layer of Industrial Processes, DBs, Connectivity, Reports
- Designed VBA cross-referenced & auto-email action item tracking system

COLUMBIA, ILLINOIS, USA

REMOTE

2018 - 2019

### Jackson & Mars | Michael Jackson & Bruno Mars Experience

**Lead Hardware, Software, and Audio Engineer**

- Designed & realized lip-sync system to give voice flexibility based on fatigue
- Designed multi-audio-stream system for maximizing experience and musicianship

SAINT LOUIS, MISSOURI

2019 - 2021

### Daegu Science High School | Gifted Korean Students

**Full-Time Public-School Teacher (4 Years)** 대구과학고등학교 영재교

- Created application & GUI that compiles faculty schedules from cryptic database
- Led college-prep classroom discussions, English immersion

DAEGU, SOUTH KOREA

2013 - 2017

### South Korea National Ultimate Frisbee League

**ROK-U Executive Manager** (also team captain, coach, player) (2 Years)

- Managed Korean Secretary, 24 Captains, 350 Players
- Administered the 24-team, 11-cities-wide South Korean frisbee league
- Managed sponsorships, oversaw uniform design, liaison for all equipment orders
- Hired and managed native secretary who maintained \$40,000 league balance
- Actualized regular board meetings, elections, government issues

SOUTH KOREA

2014 - 2016

### Associazione Culturale Linguistica Educational

**English Teacher, Pedagogy Teacher, Project Manager**

- Developed & taught 25 English courses and 12 Pedagogy courses in 15 cities

SANREMO, ITALY

2008 - 2013

## Education **Full-Stack Web Developer (Diploma)** | Highest Honors

**Coding Dojo | Full-Time Web Bootcamp** | 80 Hours per Week | 4 Months

January - May, 2022

**Web Fundamentals** *(Highest Honors)*

- HTML, CSS, Javascript, jQuery, Git, Bootstrap, Bash

**Python Full-Stack** *(Highest Honors)*

- Python, Flask, Jinja, MySQL, Ajax, APIs, BCrypt, AWS

**MERN Full-Stack** *(Highest Honors)*

- React, Node.js, NPM, Express, MongoDB, Mongoose, Cors, Axios

**C# Full-Stack** *(Highest Honors)*

- C#, .NET, ASP.NET Core, MySQL, LINQ, EF Core, Azure

## **Computer Engineering (B.S.)** | Honors | 3.73 GPA

**Southern Illinois University Edwardsville**

2018

**Major in Computer Engineering**

- C, MIPS Assembly, Verilog, PSpice
- Digital Design, Signal Processing, Signal Comm., Microcontrollers

**Minor in Computer Science**

- C++, Java, SQL, Linux
- Data Structures & Algorithms, Operating Systems Design

**Minor in Mathematics**

- Differential Equations, Discrete Mathematics, Engr Statistics

## **Secondary Education (B.S.)**

**Southern Illinois University Edwardsville**

2013

- Certified High School Science Teacher in Illinois

## **Other Technical**

- SQL Certification (MTA)
- Excel Expert
- Media Engineering: Audio, Image, Video

## **Hobbies**

- **Home Server Rack:** Servers, DBs, RasPi, Arduino, Crypto Mining, NAS
- **Violin Frequency Analyzer:** (Music Tuner) (Built with Discrete Parts & PSoC 5 ADC)
- **Electricity Cost Monitor:** (Web GUI, Cost/Day) (On/Off Switch, Hall Effect Sensor, Arduino)
- **Wedding DJ**

## **Languages**

- |                  |                |                                     |
|------------------|----------------|-------------------------------------|
| · <b>Italian</b> | Conversational | Italian Girlfriend & Lived in Italy |
| · <b>Spanish</b> | Intermediate   | International Experiences           |
| · <b>Korean</b>  | Basic          | Lived in Korea                      |

# WFH Battle Station

Docking-Station for Work Laptop  
Conference Call Equipment  
Hobbyist Servers & Raspberry Pi Cluster

