

# ERIC MICHAEL NIEMEYER

COMPUTER ENGINEER, WEB DEVELOPER,  
GAME DEVELOPER

Website



[niembro64.com/projects](http://niembro64.com/projects)

*A multifaceted engineer currently fixated on TypeScript, Angular 2+, and Phaser 3.*

## Work Experience

### Venturetec

**Software Engineer** | Developed Websites & Games with Popular Frameworks

**Client: The Games Agency & McGraw Hill**

- Puzzles, sticker books, & reaction games for young learners.
- Phaser 3, Angular 2+, Angular Material Drag & Drop, TypeScript, Bootstrap

**Client: Redleaf**

- Business website
- Angular 2, TypeScript, Bootstrap

**Client: Punchey**

- Payment processing application
- React Native, iOS & Android Development

STAMFORD, CT  
REMOTE  
MAY 2022 - TODAY

### Rockwell Automation

**Engineer II (Software)** | Designed & Impl. Machine Execution Systems (MES)

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

- Configured MES on-site in production environment
- Integrated 3rd-party components into a system of systems
- Debugged & wrote scripts for configuring connectivity

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

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

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

- Documented Customer Requirements

ON-SITE w CLIENTS  
REMOTE  
MAR 2020 - MAY 2022

### Maverick Technologies | A Rockwell Company

**Software Developer** | Designed & Impl. Machine Execution Systems (MES)

**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  
JAN 2019 - MAR 2020

### Daegu Science High School | Korea | Gifted Students Prep School

**ESL / Science Instructor** | 대구과학고등학교 영재고

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

DAEGU, SOUTH KOREA  
2013 - 2017

### A.C.L.E. | Italy | Associazione Culturale Linguistica Educational

**ESL Instructor, Lead**

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

SANREMO, ITALY  
2008 - 2013

Education	<b>Full-Stack Software Engineer (Diploma)</b>   Honors	
	<b>Coding Dojo   Full-Time Web Bootcamp</b>   80 Hours per Week   4 Months	
	Jan - May, 2022	
	<b>Web Fundamentals Stack</b> <i>(Honors)</i> <ul style="list-style-type: none"> <li>· HTML, CSS, Javascript, jQuery, Git, Bootstrap, Bash</li> </ul>	
	<b>Python Full-Stack</b> <i>(Honors)</i> <ul style="list-style-type: none"> <li>· Python, Flask, Jinja, MySQL, Ajax, APIs, BCrypt, AWS</li> </ul>	
	<b>MERN Full-Stack</b> <i>(Honors)</i> <ul style="list-style-type: none"> <li>· React.js, Node.js, NPM, Express.js, MongoDB, Mongoose, Cors, Axios</li> </ul>	
	<b>C# Full-Stack</b> <i>(Honors)</i> <ul style="list-style-type: none"> <li>· C#, .NET, ASP.NET MVC, MySQL, LINQ, EF Core, Azure</li> </ul>	
	<b>Computer Engineering (B.S.)</b>   Honors   3.73 GPA	
	<b>Southern Illinois University Edwardsville (SIUE)</b>	
	Dec 2018	
	<b>Major in Computer Engineering</b> <ul style="list-style-type: none"> <li>· C, MIPS Assembly Language, Verilog, PSpice, Matlab, Circuits</li> <li>· Digital Design, Signal Processing, Signal Comm., Microcontrollers</li> </ul>	
	<b>Minor in Computer Science</b> <ul style="list-style-type: none"> <li>· C++, Java, SQL, Linux</li> <li>· Data Structures &amp; Algorithms, Operating Systems Design</li> </ul>	
	<b>Minor in Mathematics</b> <ul style="list-style-type: none"> <li>· Differential Equations, Discrete Mathematics, Engr Statistics</li> </ul>	
	<b>Secondary Education (B.S.)</b>	
	May 2013	
	<b>Southern Illinois University Edwardsville (SIUE)</b>	
	<b>Certified High School Science Teacher in Illinois</b> <ul style="list-style-type: none"> <li>· Earth &amp; Space Science</li> <li>· Computer Science</li> <li>· Biology</li> <li>· Physics</li> </ul>	
Other Technical	<ul style="list-style-type: none"> <li>· Audio Engineering &amp; Audio-Music Composition &amp; Production</li> <li>· Audio-Visual-Video Production, Adobe Creative Suite etc</li> <li>· SQL Certification (MTA)</li> <li>· Excel Expert</li> </ul>	
Hobbies	<ul style="list-style-type: none"> <li>· Phaser 3 Game Development</li> <li>· Personal Home Server Rack <ul style="list-style-type: none"> <li>· Servers, Networking, DBs, RasPi Cluster, Arduino, Crypto Mining, Network Storage</li> </ul> </li> <li>· PCB Repair (Electronics)</li> <li>· ROM Hacking (Retro Games)</li> <li>· Wedding DJ</li> </ul>	
Languages	<ul style="list-style-type: none"> <li>· <b>Italian</b></li> <li>· <b>Spanish</b></li> <li>· <b>Korean</b></li> </ul>	<ul style="list-style-type: none"> <li>Conversational</li> <li>Intermediate</li> <li>Basic</li> </ul>
	<ul style="list-style-type: none"> <li>Lived in Italy   Italian Girlfriend</li> <li>International Experiences</li> <li>Lived in Korea</li> </ul>	

# WFH Battle Station

Docking-Station for Work Laptop  
Conference Call Equipment  
Hobbyist Servers

