

# Nathan Mausert

Los Angeles, CA | 518-708-7160 | [natemausert@gmail.com](mailto:natemausert@gmail.com) | [LinkedIn](#) | [Portfolio](#)

## FULL STACK SOFTWARE ENGINEER:

A full stack software engineer graduate of General Assembly, instructional associate at General Assembly, an audio engineer, and a medical grade GTAW welder. Skilled complex problem solver motivated to help clients and teams with productive solutions. Excited to learn new technologies to help create scalable projects.

## SKILLS:

JavaScript, Python, HTML, CSS, MongoDB, Express.js, jQuery, Node.js, SQL, MySQL, Django, Git, React.js

## TECHNICAL PROJECTS PORTFOLIO

Looking For Group app built with React in collaboration | [Github](#), [Deployed Link](#)

Monster Hunter Lists built with MEN stack and 3rd party API | [Github](#), [Deployed Link](#)

Coding Cooler app built with Django and Custom Bootstrap | [Github](#), [Deployed Link](#)

Dim Wood Adventure Game made with JavaScript | [Github](#), [Deployed Link](#)

Tic Tac Toe JavaScript Assessment | [Github](#), [Deployed Link](#)

## EXPERIENCE

**Instructional Associate** | General Assembly, Los Angeles, CA Mar 2022 - Current

- Responsible for aiding and directly teaching students software engineering principles, tools, techniques, and computer science concepts.
- Supervised students for morning algorithm exercises, and homework review. Reviewed student work to check for original code, and possible solutions to incomplete code or challenges.
- Introducing students to full stack development technologies including: JavaScript, HTML, CSS, Express, Mongoose, MongoDB frameworks, Python, SQL, Django, and React.
- Assist with lectures, run solo lectures, and grade all homework while providing constructive feedback.
- Teaching professional use/installation/troubleshooting of: Git, GitHub, and Visual Studio Code as an IDE for Mac OSX, Windows WSL, and Ubuntu 20.4 Operating systems.
- Deal with any student issues in terms of course work, managing attendance, and creating plans for students to catch up should they begin to fall behind.

**Welding Supervisor** | Philips Suzhou, China

Jun

2021 - Aug 2021

- Head instructor for training welding/assembly procedure on production line for prototype cryogenic pressure vessel.
- Directed construction of prototype welding fixtures, entirety of select fabrication/welding stations.
- Troubleshoot new production line challenges, updated safety procedures with 3 Environmental Health and Safety Leads, and finalized work instruction documentation and fabrication procedures with manufacturing engineers.
- Assisted 4 quality control engineers to ensure finished parts met strict standards.
- Collaborated with 6 welders one-on-one and performed quality checks on all fabricated parts used in production.

**Medical Welder** | Philips, Latham, NY

Jan

2020 - Sep 2021

- Applied helium leak-tight GTAW on aluminum and steel cryogenic pressure vessels up to temps of 4 degrees Kelvin.
- Trained and certified proficiency with welding 1/8"-1/2" thick aluminum and stainless steel.

**EDUCATION, LICENSES & CERTIFICATIONS**

**Harvard CS50 EDX** | Harvard | Remote

Current

**Software Engineering Immersive** | General Assembly | Remote

Dec 2021

**Bachelor of Science (B.S.) - Audio Engineering** | SUNY Plattsburgh | Plattsburgh, NY

Dec 2018

**Welding** | Modern Welding School | AWS | American Welding Society - D 1.1

2019

**ASME Section IX** | American Society of Mechanical Engineers - ASME Section IX 6g

2019