LinkedIn   Twitter

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Nathan Mausert

KEY SKILLS

JavaScript	SQL	Python
CSS	HTML and XML	Django
MongoDB	Project Management	Troubleshooting
Scrum methodology	Web-based software engineering	Facilitation
Express.js	Hardware and software installation	Communication
React.js	AWS D1.1 Certified	Instruction
Node.js	Project Planning	Data Analysis
Git	Cross-functional Collaboration	Problem Solving

TECHNICAL PROJECTS

- "LFG" group React App   - "Monster Hunter Lists" MEN app w/MongoDB & an API"

- "Coding Cooler" Django w/SQL   - "Dim Wood"Game W/ JS/CSS/HTML

EXPERIENCE

General Assembly, Remote — *Instructional Associate*
March 2022 – PRESENT

- Teach students in software engineering principles, tools, techniques, and concepts.
- Supervise students for morning algorithm exercises, and homework review.
- Introduce students to technologies including: JavaScript, HTML, CSS, Express, Mongoose,MongoDB frameworks, Python, SQL, Django, and React.
- Lecture and grade homework to provide specific, actionable, and constructive feedback.
- Teach professional use, installation, and troubleshooting of Git, GitHub, and Visual Studio Code as an IDE for Mac OSX,Windows WSL, and Ubuntu 20.4 Operating systems.
- Respond to emergency situations to resolve immediate safety concerns.
- Communicate with teacher and coach colleagues to evaluate progress and implement IEPs.

Philips Medical Systems, Latham NY / China — *Welder, Supervisor, Head Instructor*
January 2020 – September 2021

- Trained welding and assembly procedures on the production line for a cryogenic pressure vessel.
- Directed construction of prototype welding fixtures for all fabrication and welding stations.
- Troubleshot and updated safety procedures with 3 Environmental Health and Safety Leads, and finalized instruction documentation and fabrication procedures with manufacturing engineers.
- Assisted 4 quality control engineers to ensure finished parts met strict standards.
- Collaborated with 6 welders and performed quality checks on all fabricated parts.
- Inspected welds and checked critical measurements to meet specifications.

EDUCATION

General Assembly, Remote — Full Stack Software Engineering *Certificate*   December 2021

SUNY College At Plattsburgh, NY — Bachelor of Science in Sound Engineering   2018