MASON WILSON

Electronics Engineer

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PROFESSIONAL SUMMARY

Learning about new and emerging technologies in the manufacturing and engineering sectors, analog/digital circuit design and debugging, and compute programming.

Substantial amount of related industry experience, but my passion will drive me to be the best engineer on the floor.



WORK EXPERIENCE

Electronics Engineer

🛗 May / 2021-Ongoing

Seaside Innovations

📮 Santa Monica, CA

- 1. Performed experiments to study the propagation of highenergy laser pulses through the atmosphere.
- 2. Assisted in an analysis of test data and formulation of hypotheses to explain previously unobserved atmospheric phenomena.
- 3. Helped develop a precision frequency stabilized the laser.
- 4. Responsible for the design, construction, and testing of control systems used in active stabilization.
- 5. Worked on development of a state-of-the-art missile guidance system using laser radar.
- 6. Began in the conceptual design phase of the project, and followed through to test firings of prototype missiles.
- 7. Responsible for design and construction of the electronics package onboard the missile.

Electronics Engineer

may / 2020-May / 2021

Summit Peak Industries

■ Denver, CO

- Communication Express provides internet, telephone, twoway communications and video surveillance for all offshore and inshore applications.) -Installed and service two-radio systems for Apache Offshore.
- 2. Installed Everfocus, Pelco and Back Street Surveillance video surveillance system in both business and residential settings.
- 3. We also serviced all video surveillance systems.
- 4. Completely installed computer networks systems, from running cables to setting up devices on the network.
- 5. Completely installed telephone systems, from running cables to programing telephones and lines on the systems.

EDUCATION

Bachelor of Science in Electronics Engineering

May / _May / 2019 2020

University of Technology

¥ Seattle, WA

Focused on circuit design, signal processing, and systems integration.



SKILLS

TPS Development

Electrical Engineering

Engineering Investigations

Digital Electronics

Computer Engineering

INTERESTS

Podcasts

Public
Speaking

TCooking

Writing

STRENGTHS

Resilience

A Perseverance

Diplomacy

Originality

LANGUAGES



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English

German

Mandarin

ACHIEVEMENTS

- Designed and implemented a precision control system that improved operational efficiency by 30%.
- Led a team in developing a cutting-edge missile guidance system, resulting in successful test firings.