

Barbara J. Hawkins

Computer Engineer Specializing in Embedded Systems

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Detail-oriented computer engineer with 5+ years of expertise working with embedded systems, artificial intelligence, machine learning, and automation technologies. Increased multiply-accumulate performance on proprietary DSP algorithms by 5% through system and chip analysis revamp. Seeking to leverage first-hand experience with driverless car technology and integrated systems to become the lead computer engineer at Aiset Automotive Technologies.

Experience

2016-12 - 2019-07

Embedded Systems Computer Engineer

Artificial Mobility Systems & Design, Cincinnati, OH

Key Qualifications & Responsibilities

- Oversaw design, development, and upgrades to system-on-chip devices and Internet-of-Things (IoT) electronics.
- Developed testing methods of prototypes to be used in driverless vehicles, AI assistants, and other commercial endeavors.
- Supervised attributes of microprocessor and microcontroller design to ensure performance, accuracy, and cost-effectiveness.

Key Achievements

- Located 5 incompatibility issues overlooked by QA team before products hit the market.
- Increased multiply-accumulate performance on proprietary DSP algorithms by 5% through analysis overhaul.

2014-06 - 2016-11

AI / ML Computer Engineer

IoT Research Associates of Ohio, Cincinnati, OH

Key Qualifications & Responsibilities

- Developed artificial intelligence and machine learning products, software, and other solutions for commercial, industrial, and educational purposes.
- Tweaked deep-learning systems and associated algorithms for better natural language processing and delivery.
- Designed and conducted research experiments to test theories for improved performance.

Education

2014

Bachelor of Science in Computer Engineering Technology

Old Dominion University, Norfolk, VA

Relevant Coursework: Computer Engineering Fundamentals, Wireless Communications & Networking, Computational Algorithms, Natural Language Processing, Internet-of-Things Devices, Data Protection & Security, Software and Hardware Engineering.

Certificates

Certified Master of Electrical and Computer Engineering (CSU)

Certified Information Systems Security Professional (CISSP)

Memberships

Association for Computing Machinery (ACM)

Association for the Advancement of Artificial Intelligence (AAAI)

Association for Women in Computing (AWC)

Computer Engineering Sample Resume

Yijin Wang



Computer Engineering Sample Resume:

Reviewing **Computer Engineering Sample Resume**: Unlocking the Spellbinding Force of Linguistics

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