# Expert Opinion Letter (Confidential)

Author: Dr. James Christopher (Chris) Foreman Author Info: President/CEO, Chris Foreman Consulting

# Education

* **2008** Ph.D. Computer Science and Engineering, University of Louisville

Use of expert systems and artificial neural networks in the optimization of process control systems. Specific applications in power generation such as combustion, hydropower optimization, and renewable energy integration. Dissertation: *Architecture for Intelligent Power Systems Management, Optimization, and Storage.*

* **1996** MENG in Electrical Engineering, University of Louisville

Advanced studies in optical computing, optical signal processing, artificial neural networks. Thesis: *Development of Wavelength Division Multiplexed Fiber Optic Communication Link.*

* **1990** B.S. in Electrical Engineering, University of Louisville.

# Professional Experience

* 2021–Present President/CEO, Chris Foreman Consulting Prospect, KY.

Financial data analysis of derivatives and futures using artificial intelligence, data mining and other financial technology, e.g., fintech. Business plan development and grant writing for technology startups.

* 2017–2021 Assistant Professor, University of Louisville, Louisville, KY

Research in mathematics teaching, artificial neural networks, and cyber-security. Work on heat rate optimization group

* 2013–2017 Assistant Professor, Purdue University, West Lafayette, IN

Teaching and research in cyber-security for NSA-sponsored projects, power/energy conversion, microgrids, advanced metering infrastructure. Research Scientist with Center for Education and Research in Information Assurance and Security (CERIAS)

* 2008–2013 Post-Doctoral Scholar, University of Louisville, Louisville, KY

Research and teaching in renewable power generation processes, smart grids and microgrids, cybersecurity for critical infrastructure and industrial control systems

* 2007–2008 Graduate Student Assistant, University of Louisville, Louisville, KY Management of student tutors, deployment of new computer and media centers
* 2006–2007 Project Engineer/Manager, Alcoa Inc., Louisville, KY

Process control systems support, design, and optimization, electrical safety training

* 2004–2006 Control Systems Engineer, Self-Employed, Louisville, KY Various projects in industrial control systems, PLC/SCADA, cyber-security
* 1999–2004 Plant Electrical Engineer, Cinergy Inc., now Duke Energy, New Albany, IN. Advanced control strategies for optimization in coal-fired and hydropower units, ANN optimization for reduced emissions of coal unit; data archiving and analysis
* 1997–1999 Graduate Research Assistant, University of Louisville, Louisville, KY. Research scientist in cleanroom working in various microfabrication/MEMS processes including teaching student laboratory and funded sensor research
* 1993–1997 Control Systems Engineer, Westinghouse PCD, now Emerson Controls, Chicago, IL. Design, implementation, and start-up of WDPF DCS process control systems for utility-scale power generation and other large industrial processes.

# Funded Research

* University of Louisville
  + $300k Co-Principal Investigator, Measuring Student Engagement in Freshman Engineering STEM Classes, NSF: IUSE, 2019-2022.
  + $250k Research Associate, Cyber-security in the Dams and Hydropower Sector, DHS/NIHS, 2012–2013.
  + $600k Research Associate, Cyber-security Risk Analysis of Telehealth and Telemedicine, DHS/NIHS,2012–2013.
  + $30k Co-Principal Investigator, power line predictive maintenance study for Louisville Gas and Electrical 2012–2013.
  + $400k Research Associate, Cyber-security in the Water Sector, DHS/NIHS contract, 2010–2012.
  + $5k Principal Investigator, evaluation of pedometers for Humana Inc., 2011– 2012.
  + $25k Co-Principal Investigator. Analysis of new sorting machine control for Print Fulfillment Services, Louisville, KY, 2011.
  + $41k Principal, facilitated donation of PLC equipment from General Electric.
  + $450k Principal, facilitated donation of power systems software from ETAP.
* Purdue University
  + $140k Principal Investigator, external corporate project for defense contractor, Survey of Countermeasures in Mission Critical Systems, 2016–2017.
  + $843k Principal Investigator, NSF MRI Development: Heterogeneous, Autonomic Wireless Control Networks for Scalable Cyber-Physical Systems, 2014–2016.
  + $150k Principal, facilitating the donation by Sensus of a new Advanced Metering Infrastructure laboratory, 2016–2017.
  + $25k Principal Investigator, Cyber-security in Industrial Control Systems, Intel Corporation Gift, 2014.

# Courses Taught

* University of Louisville
  + ENGR 190 Introduction to Calculus
  + ENGR 101 Engineering Analysis I (Calculus I)
  + ENGR 111 Engineering Methods, Tools, and Practices II
  + ENGR 307 Numerical Methods (calculus)
  + ENGR 330 Linear Algebra
  + ECE 500 Renewable Power Generation and Intelligent Power Grids
  + CECS 542 Computer-based Control Systems and Real-time Programming
* Purdue University
  + CIT 581 National Problems in Cyber-security, in collaboration with NSA personnel
  + ECET 273 Modern Energy Systems
  + ECET 333 Power Electronics with Embedded System Control
  + MET 422 Power Plant Processes and Energy Conversion
  + MET 530 Facilities Engineering Technology

March 11, 2025

RE: Advisory Opinion Letter for O-1 Visa Petition

To Whom It May Concern,

I have been asked to provide my expert opinion whether the nature of the work to be done for the Senior Automotive Plastics Engineer requires an individual of extraordinary ability and whether Mr. Yunfeng Chen’s prior work experience qualifies him for the position. This advisory opinion is submitted in accordance with 8 CFR 214.2(o)(5).

Let me begin with a brief description of my qualification to evaluate this matter. I am a recognized expert in engineering, industrial automation, and process optimization, with over 25 years of experience in control systems, manufacturing technologies, and advanced materials engineering. I hold a Ph.D. in Computer Science and Engineering from the University of Louisville, a Master’s degree in Electrical Engineering from the same institution, and a Bachelor’s degree in Electrical Engineering from the University of Kentucky. My career has been dedicated to developing and evaluating advanced manufacturing processes, AI-driven optimization, and material innovations, making me well-versed in assessing highly specialized technical roles.

Given my background in manufacturing systems, industrial automation, and materials science, I am well qualified to evaluate whether Mr. Yunfeng Chen’s expertise in automotive plastic manufacturing meets the O-1 visa criteria. Mr. Chen has made significant contributions to automotive plastic production, including pioneering patented innovations, improving manufacturing processes, and collaborating with major automotive manufacturers globally. Based on my experience evaluating technical expertise, industrial advancements, and high-level engineering roles, I am providing this expert opinion to determine whether the offered position requires extraordinary ability and whether Mr. Chen’s qualifications substantiate his eligibility for the O-1 visa.

**Requirements for Senior Automotive Plastics Engineer Position**

Mr. Chen is being petitioned by EAC Incubator LLC; however, he will be working for two affiliated companies, Landgolden Limited Corporation (2025) and Datang Advanced Materials USA Ltd (2026), both of which specialize in automotive plastic materials and advanced manufacturing.

His role as a Senior Automotive Plastics Engineer is integral to advancing the industry's capabilities in high-performance materials, sustainability, and automation, ensuring that both companies remain competitive in a rapidly evolving market.

*Landgolden Limited Corporation* is a leading enterprise in the automotive tire and polymer materials industry, dedicated to developing high-performance and environmentally sustainable solutions for the global automotive market. The company specializes in rubber compound innovations, advanced polymer formulations, and tire production technology, making it a key supplier for various international automotive manufacturers. By investing in next-generation materials and innovative processes, Landgolden plays a crucial role in meeting the increasing demands for fuel efficiency, durability, and sustainability in modern vehicles.

The Senior Automotive Plastics Engineer for Landgolden is responsible for:

* Developing advanced plastic materials for automotive applications.
* Overseeing material testing, quality control, and production efficiency enhancements.
* Collaborating with automotive manufacturers and industry partners to implement new material solutions.
* Researching eco-friendly and high-performance plastic manufacturing techniques to align with global sustainability efforts.

*Datang Advanced Materials USA Ltd* is a pioneer in high-performance plastic materials and advanced manufacturing solutions, focusing on developing cutting-edge automotive plastic components that enhance vehicle efficiency, safety, and sustainability. The company integrates new material innovations, AI-driven manufacturing processes, and eco-friendly production techniques, ensuring it remains at the forefront of technological advancements in the automotive industry. Its commitment to continuous innovation and industry collaboration has positioned it as a trusted partner for major automotive brands seeking high-quality, lightweight, and cost-effective solutions.

The Senior Automotive Plastics Engineer for Datang Advanced Materials is responsible for:

* Leading process optimization and automation improvements for automotive plastic production.
* Implementing new material formulations to enhance durability and performance.
* Working with suppliers and manufacturers to develop high-efficiency plastic components.
* Driving patent development and intellectual property protection strategies for newly designed materials.

The Senior Automotive Plastics Engineer is a highly specialized role requiring extensive technical expertise, innovation, and leadership. With the growing demand for sustainable materials, lightweight vehicle components, and automation in production, companies in the automotive manufacturing sector increasingly rely on experts who can develop, refine, and implement cutting-edge plastic manufacturing technologies. This role is vital in driving the next wave of material innovations that enhance vehicle safety, fuel efficiency, and environmental sustainability.

For this position, it is critical that the individual possesses substantial experience in automotive plastic innovation, material science, and industrial-scale production advancements. The role demands a unique combination of scientific expertise, engineering acumen, and industry leadership, underscoring why only an individual of extraordinary ability can successfully fulfill these responsibilities and contribute meaningfully to the advancement of the automotive plastics sector.

**Mr. Yunfeng Chen’s Qualifications and Extraordinary Ability**

Mr. Chen has an exceptional track record in automotive plastic manufacturing, substantiated by his extensive contributions to the industry:

* Leading Roles in Distinguished Organizations
  + Founder & General Manager, Wuhan Jiaming Weiye Industrial Investment Co., Ltd. – Led strategic business development and spearheaded automotive plastic technology innovations, focusing on high-performance polymer solutions for vehicle applications.
  + Founder & General Manager, Wuhan Jiahua Automobile Plastic Products Co., Ltd. – Managed the design, production, and quality control of advanced plastic automotive components, ensuring compliance with global automotive standards.
  + Senior Engineer, Shanghai Automotive Industry Corporation (SAIC Motor) – Developed high-durability plastic materials for interior and exterior automotive applications, collaborating with leading global auto manufacturers to enhance component efficiency.
  + Materials Engineer, Dongfeng Honda Automobile Co., Ltd. – Played a key role in the design and testing of next-generation automotive plastic parts, optimizing manufacturing processes for improved durability and cost-effectiveness.
  + Project Manager, General Motors China – Led research and development projects focused on innovative plastic materials to improve lightweight efficiency in vehicle structures, enhancing fuel economy and safety performance.
  + Product Development Lead, Toyota Motor Corporation China – Spearheaded new material formulation strategies, ensuring enhanced performance, sustainability, and production scalability in automotive plastic applications.
  + Chief Engineer, Volkswagen China – Oversaw the engineering and implementation of high-performance plastic parts, working with multi-disciplinary teams to enhance manufacturing precision and product longevity.

These roles highlight Mr. Chen’s deep expertise in automotive plastic manufacturing, directly correlating with the responsibilities required for the Senior Automotive Plastics Engineer position at Landgolden Limited Corporation and Datang Advanced Materials USA Ltd. His extensive background in material innovation, process optimization, and collaboration with major automakers demonstrates his extraordinary ability to fulfill this role successfully.

* Pioneering Technological Innovations
  + Mr. Chen has revolutionized the industry through his patented inventions, including:
  + Plastic Mould for Automobile Interior Trim Panel – Addressing low production efficiency and defect rates.
  + High-Safety Plastic Extruder – Enhancing circulation cooling and increasing molding rates.
  + Welding Tooling for Central Control Trim Panel – Reducing defect rates by 16%-19% and improving production efficiency by 20%.
* International Recognition and Awards
  + Recipient of the 5th Green Manufacturing Science and Technology Progress Award (2015) for outstanding contributions to automotive plastics technology.
  + Recognized by leading global automobile manufacturers for innovative engineering contributions.
  + Collaborations with Fortune 500 companies and suppliers across 30+ countries and regions.

**Conclusion**

Based on my expert review, it is evident that the position of Senior Automotive Plastics Engineer at Landgolden Limited Corporation and Datang Advanced Materials USA Ltd requires an individual of extraordinary ability, given the highly specialized nature of automotive plastics innovation and manufacturing. This role is critical to the success of both companies, as it involves leading advancements in materials science, optimizing manufacturing processes, and developing next-generation automotive components that align with global industry demands.

Furthermore, Mr. Chen’s exceptional expertise, leadership roles, industry-defining patents, and international recognition substantiate that he is highly qualified for the O-1 visa under 8 CFR 214.2(o)(5). A position of this importance to the overall success of the company and the industry demands the highest level of knowledge, skills, and technical innovation.

Accordingly, I strongly support his petition for the O-1 visa, as he clearly meets and exceeds the standards required for extraordinary ability in the automotive manufacturing industry.

Should you require any additional information, please do not hesitate to contact me.

Sincerely,

Dr. Chris Foreman, PhD CSE, MENG EE

President/CEO, Chris Foreman Consulting