

Dan Gove

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Professional Summary

Results-driven team member with 15 years of work experience, diverse background, and **enthusiasm to learn**. Adept at optimizing production processes, coordinating with cross-functional stakeholders, and delivering innovative solutions. Skilled in CAD, mechanical and manufacturing processes, testing, documentation, and leadership. Experience includes:

- **USA Gymnastics National Coach (MAG) certification**, coached 10 years throughout USA & China
- Presented self motivated research on possible human spaceflight countermeasures to NASA Ames Research Center and the 2018 **International Space Station Research & Development Conference**.
- **Former Student Board Member of the American Society for Gravitational and Space Research.**

Work Experience

Kitchen & Market, Kirkland, WA (Sept 2024 - Feb 2025) - Keyholder

- Customer delight, merchandising, inventory organization

Amazon Kuiper, Redmond, WA (July 2023 - July 2024) - Spaceflight Simulation Technician II

- Supported tests on various test articles via vibration, shock, thermal, TVAC, and HALT/HASS, insisting on high standard manufacturing processes & documentation. **Earned multiple accolades from senior employees**
- Led safety initiatives as **team elected safety captain**, mitigating risks related to electromagnetic interference, electrical, noise, fall, crush, and emergency response
- Provided feedback and support for equipment designs. **Initiated quality control processes likely to save tens of millions of dollars**. Supported trade studies by creating rapid, cost effective, viable prototypes
- Developed work instructions for testing, improving documentation consistency & training efficiency across multiple teams for large scale production
- Trained new employees on workflows, quality, and safety standards, ensuring adherence to protocols & best practices
- Designed and assembled carts & storage racks for large, heavy, and irregularly shaped equipment, integrating scrap (low cost), COTS, and custom hardware. Produced drawings and instructions for fabrication shops
- Performed basic finite element analysis (FEA) and tolerance stacking to ensure structural integrity and functionality
- Procured & implemented a cost-effective, ergonomic solution to **enable a single operator to adjust multi-ton equipment**

Spectrum Controls, Bellevue, WA (October 2022 - July 2023) - Test Technician

- Conducted tests on PCBA, assembly, leak testing, and packaging for industrial I/O modules, **supported the clearing of a backlog which generated revenue in excess of \$1 Million USD within months**. Worked occasional overtime
- Troubleshoot & assembled automated dispensing equipment
- Performed monthly ESD audits to maintain product integrity & compliance

Pure Watercraft, Northlake & Tukwila, WA (May 2022 - July 2022) - Electro-mechanical Assembly Technician

- Assembled, tested (leak, hipot, continuity/resistance, voltage, user acceptance), and repaired electromechanical components, proposing solutions to enhance product functionality & customer experience
- Proposed process improvements to increase throughput, quality, and efficiency, demonstrating critical thinking, incorporating material science & industry best practices. **Implemented a 6% throughput increase on a limiting factor**.
- Utilized SLA 3D printing for rapid component prototyping

Scientific Molding Corporation, Somerset, WI (April 2020 - July 2021) - Operator, Component Stager/Material Handler, Automation Technician Trainee

- Demolded, inspected, assembled, and shipped medical devices **at production rates routinely above 12% target in response to COVID-19 pandemic**, showcasing an eye for detail, reliability, and adaptability in fast-paced, traceable, regulated cleanroom environments. **Worked up to 84 hours / week**
- Prepared materials, components, and shipments by proactively staging workstations and palletizing finished goods
- Maintained/troubleshoot robotic (cartesian, rotary dial, pick and place, scara) & automation (packaging, post process, EOAT, laser etch, teach pendant, tac-weld deionizer) equipment
- Fabricated/troubleshoot QA test fixtures (leak, computer vision, fiber-optic) soldered connectors according to schematic pinouts, ensuring throughput, product quality & operator safety

Education (transcripts available upon request)

- Hastings Senior High School, Hastings, MN (Class of 2012), concurrently enrolled with University of Minnesota and Southwest Minnesota State University
- Iowa State University (2012-2013), majored in communications, social chair of international fraternity, Phi Delta Theta
- Automation Tooling System's Fundamentals of Automation Certification & Paulson Fundamentals of Injection Molding (2020)
- Scored 93rd percentile in AFQT (2010), 95th percentile for ACT Composite (2011), 99th percentile for Bennett Mechanical Comprehension Test II (2024)

Skills

- CAD/CAM/3D Printing (Pro-E/PTC Creo, NX, Autodesk Fusion w/ Generative Design), basic hand, power tools, and forklift.
- Intermediate Mandarin & Spanish fluency
- **Accurate typing speed of 66 words per minute**. Programming exposure in various languages. Front end experience with Wix & mobile app widget prototyping with Flutter
- Good documentation practices, Microsoft/Google Suite, Atlassian/MES/ERP/CSP software familiarity