

# Javan Jake

Phone: (928) 614-8385

Email: [javonjake@gmail.com](mailto:javonjake@gmail.com)

LinkedIn: [www.linkedin.com/in/javan-jake](https://www.linkedin.com/in/javan-jake)

---

## Education

---

Northern Arizona University

Expected Graduation: Dec. 2025

Major: BS Mechanical Engineering

Minor: Business

GPA 3.5

## Extracurricular Activities

---

- American Society of  
Mechanical Engineering  
(ASME) Club
- Investing Club
- Art Club
- Japanese Culture Club

## Soft Skills

---

- Creativity
- Time management
- Problem-solving

## Technical Skills

---

- SolidWorks
- Microsoft Office
- 3D Printing
- Lathe Machinist
- Endmill Machinist

## Experience:

### CWC Generator Capstone Project – Financial and Manufacture Engineer Jan 2025 – Present

- Managing \$500+ budget, overseeing procurement and bill of materials (BOM) making sure the team's expense are spent adequately.
- Conducted efficiency analysis of power generation, using dynamometer testing and simulation tools (ANSYS Maxwell, MotorCAD) to characterize generator performance.
- Using SolidWorks for modifying and designing generators to meet performance targets while ensuring manufacturability and cost-effectiveness.

### Walmart – Overnight Stocker July 2025 – Present

- Operate pallet jacks and ensure proper backroom inventory tracking for over 1,000 items nightly.
- Organize, stock, and rotate merchandise in assigned departments to maintain shelf accuracy and product availability.

### Harkins Theatre – Team Member July 2025 – Present

- Work collaboratively with teammates to ensure smooth showtime operations and uphold Harkins' brand reputation for quality service.
- Operate POS systems for ticket and concession sales, handling cash and credit transactions accurately.

### Greentree Inn; Housekeeper Supervisor May 2024 – July 2025

- Supervise and lead a team of 8 housekeepers, ensuring high-quality cleaning techniques, safety protocols, and hotel policies, leading to a 20% reduction in training time and errors within the total 90 rooms.

### Antelope Point Marina, Boat Mechanic Assistant May 2022 – Aug 2022

- Assisted in repair and adjustment of mercury marine boat engines using hand and power tools.
- Performed minor repairs and assigned preventive maintenance services on 20+ pontoon boats and 30+ house boats.

## Projects:

### Shower Glider – Greentree Inn April 2024

- Communicated and created detailed design using SolidWorks software with manager and maintenance for approval layout in a timely manner. Securing approval for production and generating an initial sale of 75 units.

### Tile Puzzle – ASME Game Show Escape room Jan 2024

- Designed a novel SolidWorks tiles puzzle by leading the team to specific communication including details, deadlines, and budgets of materials used.
- Constructed the puzzle of working 50+ hours towards detailing for appearance function, and structure.