

# Garret L. Davis

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## EDUCATION

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**Bachelor of Science in Engineering Technology- Manufacturing**

Graduation Date: May 2009

**Pittsburg State University**

Pittsburg, KS

(TAC / ABET Accredited)

**GPA: 3.3/4.0**

**Investment Casting Institute Certification**

## WORK EXPERIENCE

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**United Parcel Service**

**Pittsburg, KS**

*Package Handler*

Aug 08 – Present

- Inspect and track parcel runs
- Maintain line speeds of approximately 1000 packages per hour

**Celltron Inc.**

**Galena, KS**

*Manufacturing Engineering Internship- Electrical Assemblies*

Sept 07 – May 2008

- Design and create Standard Operating Procedures to increase manufacturing efficiency
- Direct and train floor personnel
- Worked with customers to ensure product testing was adequate
- Utilized 5S methodology to reorganize and restructure the manufacturing facility
- Designed and created fixtures and electrical form boards for cable assemblies

**Mercury MerCruiser**

**Stillwater, OK**

*Manufacturing Engineering Internship- Die Cast Dept.*

May 07 – Aug 07

- Designed and contracted the building of various safety components for revamped trim press guarding scheme including light curtains, twin push buttons, and magnetic safety interlocks on all expanded metal sides
- Assisted with new process incorporation of Slurry-on-Demand technologies using robotic arm extractors
- Assisted in the design and layout phase of MerCruiser's new 2500 ton Die Cast machine cell
- Developed floor plan layout for new casting extractor purchase
- Finite Material Loss study through complete manufacturing process

## HONORS & AFFILIATIONS

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- Foundry Educational Foundation Scholarship (08)
- Society of Manufacturing Engineers Scholarship (07)
- Alumni Legacy Scholarship (06/07)
- Investment Casting Institute Certification
- North American Die Casting Association
- American Foundry Society

## PROFESSIONAL KNOWLEDGE & SKILLS

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- Extensive Knowledge of: Catia (Mechanical Design, Analysis & Simulation), MasterCam X, Cad Key, Magmasoft, Auto CAD, and Microsoft Applications
- CNC Machine and Water Jet operation, Metallurgy concepts
- Sociable, comfortable talking and meeting with new people, work well in teams, organized and efficient