

Matthew A. Mechaniker

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OBJECTIVE: To secure a challenging full-time position in the field of mechanical engineering that will utilize my experience and knowledge.

EDUCATION: **The University of Kansas** **Lawrence, Kansas**
Bachelor of Science in Mechanical Engineering – GPA: 3.79 *May, 20xx*

INTERNSHIP EXPERIENCE: **Koch Industries, Inc.** **Minneapolis, Minnesota**
Project Manager Intern *Summer 20xx*

- Provided engineering support for the Build-it and Construction group including design, permits, and certification for planned projects.
- Organized and led all client meetings and oversaw all project communication.
- Managed five projects, estimated at \$1.5 million.

The Boeing Company **Wichita, Kansas**
Engineering Intern *Summer 20xx*

- Member of a military stress group that provided fleet support for the KC-135 and its derivatives.
- Performed structural analysis on different components of the airplane to ensure safety and maintainability.

Marche Inc. **Lawrence, Kansas**
Engineering Intern *Summer 20xx*

- Member of group design teams that prototyped consumer recreational products, medical components, business instrumentations and OEM products.
- Responsible for designing prototypes in Pro-Engineer and producing real models using FDM machines.

ENGINEERING PROJECT: **Boat Lift Design Project** **University of Kansas**
Senior Design Project *20xx-20xx*

- Designed and manufactured a hydraulic lift that raises a 4,000 lb. ski boat out of water for storage.
- Prototyped the lift using Pro-Engineer, Working Model, and FEA computer modeling.

WORK EXPERIENCE: **Wildcat Stock Farm** **Salina, Kansas**
Farm Hand *20xx-20xx*

- Fifth generation to be raised on a family-owned and -operated grain and livestock farm.
- Operated and repaired heavy machinery.

University of Kansas, Interfraternity Council **Lawrence, Kansas**
Executive Vice-President *20xx-20xx*

- Created new billing and budgeting procedures, implemented new communication and accounting software, and restructured investments.
- Controlled an annual budget of \$50,000.

Willow Bend Golf Course **Wichita, Kansas**
Short Order Cook *Summer 20xx, 20xx*

- Responsible for tabulating food inventory and merchandise lists.

SOFTWARE SKILLS: Pro-Engineer, AutoCAD, Excel, Word, PowerPoint, Matlab, Working Model, Microsoft Project, C++, Outlook.

ACTIVITIES: Delta Chi Vice-President, Engineering Student Senate, Greek Endeavor Facilitator, Rock Chalk Cast Member, Ichthus Bible Study, Delta Chi Philanthropy Chairman, Athletics, Sailing Club.

HONORS: Tau Beta Pi (National Engineering Honor Society), Outstanding Greek Senior, Nominated for Rhodes and Marshall Scholarship, Pi Tau Sigma (Mechanical Engineering Honor Society), Golden Key National Honors Society, Leadership Scholarship, Order of Omega, High School Salutatorian, Kansas State Forensics Champion.