

BLAKELEY VORONIN

Development Engineer

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(599) 186-3972

123 Oak Street, Louisville, KY 40202



PROFILE

Development Engineer with 2 years of experience in designing and implementing innovative engineering solutions. Proven track record of developing efficient processes and products, conducting thorough testing, and optimizing designs for improved performance. Strong analytical and problem-solving capabilities with excellent communication and teamwork skills. Demonstrated ability to adapt to new technologies and contribute to multidisciplinary projects. Eager to utilize expertise in driving growth and innovation in a dynamic organization.

LINKS

[linkedin.com/in/blakeleyvoronin](https://www.linkedin.com/in/blakeleyvoronin)

SKILLS

AutoCAD

Python

SolidWorks

MATLAB

LabVIEW

ANSYS

Revit

LANGUAGES

English

German

EMPLOYMENT HISTORY

Development Engineer at Ford Motor Company, KY

May 2023 - Present

- Successfully developed and implemented a new assembly line process for Ford F-150, increasing production efficiency by 25% and saving the company \$3 million annually.
- Designed and launched an innovative new suspension system for Ford Explorer, which resulted in a 15% reduction in warranty claims related to suspension issues, saving the company \$2 million in warranty costs.
- Led a cross-functional team to identify and resolve a critical quality issue with Ford Escape transmission, reducing customer complaints by 40% and improving overall vehicle reliability ratings.
- Streamlined the development process for a new engine component, reducing prototyping time by 50% and enabling the company to bring the product to market six months ahead of schedule.

Associate Development Engineer at Toyota Motor Manufacturing Kentucky, KY

Sep 2021 - Mar 2023

- Implemented a new assembly line process that increased production efficiency by 15%, resulting in an annual savings of \$2 million and reducing lead times by two weeks.
- Developed and implemented a quality control system that reduced defects by 30% in the first year, leading to a 10% reduction in warranty claims and saving the company \$1.5 million annually.
- Collaborated with cross-functional teams to design and launch a new vehicle model, which exceeded sales targets by 20% and generated \$50 million in additional revenue within the first year of production.

EDUCATION

Master of Science in Engineering and Development at University of Kentucky, Lexington, KY

Aug 2016 - May 2021

Relevant Coursework: Advanced Engineering Mathematics, Sustainable Development, Project Management, Systems Engineering, Renewable Energy Technologies, Environmental Impact Assessment, Engineering Design, Infrastructure Planning, and Climate Change Adaptation.

CERTIFICATES

AWS Certified DevOps Engineer - Professional

Feb 2022