

Benjamin J. Gaehle

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SUMMARY Software Engineer with 8 years of embedded experience designing GUIs, rendering graphics in 2D/3D, and importing/supporting system configurations, providing both technical skills and creative talents for industry-leading aviation products.

EDUCATION **Missouri University of Science and Technology** Rolla, MO
(Formerly University of Missouri – Rolla) May 2007

- B.S. Electrical Engineering
 - B.S. Computer Engineering
 - Magna Cum Laude Honors (GPA 3.780)
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EXPERIENCE **Garmin International, Inc** Olathe, KS
Senior Software Engineer, Portable Aviation Team July 2007 – Oct 2015

- Designed and developed GUI elements for portable aviation products (C)
 - Created user-friendly and responsive products while ensuring efficiency in embedded, portable environments
 - Updated glass cockpit instrument display using OpenGL
 - Integrated Synthetic Vision Technology into experimental aviation products for increased pilot awareness
 - Set up engine configuration/calibration for experimental plane builds
 - Collaborated with fitness team to add aviation-related elements to watch form factor
 - Debugged code with software and on hardware to optimize product performance and reliability
 - Participated in peer code reviews to maintain a consistent and functional code base
 - Acted as a mentor to interns and new hires on the team
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SKILLS	C/C++	JavaScript	OpenGL (ES)	Visual Studios
	Java	jQuery	Git	Office
	HTML/CSS	SQL	GIMP	Windows