

Hagan D. Walker

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Education

Bachelor of Science in Electrical Engineering (3.2/4.0 GPA) Fall 2015
Mississippi State University, Starkville, MS

Professional Experience

Intern – dSPACE, Inc. Summer 2014
Wixom, Michigan

- Assisted in building advanced Hardware in the Loop (HIL) systems.
- Helped with simulation of various protocols and services, such as the newly announced Controller Area Network-Flexible Data (CAN-FD) communications bus.
- Other responsibilities included: Simulink model validation testing, printed circuit board design, hardware testing.

EcoCAR2 Electrical Team Leader August 2012-2014

Center for Advanced Vehicular Systems, Mississippi State University

- Directed a team of fourteen students to develop a next generation 13.3” touchscreen infotainment system.
- Rewired vehicle to allow for different vehicle architectures.
- Trained in high voltage safety standards.
- Provided schematics and other accompanying documentation to the team.
- Wrote and edited numerous reports for publishing.

Intern – FANUC Robotics, Inc. Summer 2013

Columbus Brick Company, Columbus, Mississippi

- Helped to develop and optimize a robotic vision system to prevent collisions with materials.
- Programmed PLCs using Siemens TIA Portal.
- Developed internal mobile web site for production statistics.

Technology Administrator June 2011-present

School of Human Sciences, Mississippi State University

- Responsible for overseeing all technology based issues and possible solutions for the department.
- Assists upwards of one hundred employees with a variety of technical issues.
- Creates specifications for new student computer requirements.

Founder, Operator, and Owner June 2009-2012

Hagan Computer Services, Columbus, Mississippi

- Founded the largest computer services company in North Mississippi until 2012.
- Assisted upwards of four hundred clients with computer technical service and sales.
- Donated computers to less fortunate members of the community.

Awards and Honors

- First Place – Freescale Innovation Award for Advanced Vehicle Centerstack Display, 2014.
- Mississippi State University Alumni Delegate, 2013-2015.
- Buick Achievers Scholarship Program winner, 2013.
- Mississippi State University Snapshot featured student, 2013.
- Vice Chair of Communications for the Mississippi State University Honors Council, 2012.
- Young Entrepreneur of the Year awarded by Mississippi University of Women, 2009.
- Resolution of Commendation for helping to save a drowning man’s life - Awarded by the Home Builders Association of Mississippi, 2007.

Areas of Education/Certification

- FANUC Robotics Programming (6 Professional Hours)
- Siemens PLC/Networking (12 Professional Hours)
- OrCAD/Cadence/Eagle PCB Design