

Kyle J. Dunphy

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Objective

To obtain a career in the Systems Engineering field where I can apply my knowledge and social skills to improve the performance of a project team.

Education

Cornell University, Graduate School of Engineering, Ithaca, NY

Master of Engineering in Systems Engineering, anticipated May 2009

Purdue University, School of Technology, West Lafayette, IN

Bachelor of Science in Electrical Engineering Technology, received December 2006

Associate of Applied Science in Electrical Engineering Technology, received December 2004

GPA: 3.66 / 4.00

Systems Engineering Experience

Delphi Electronics and Safety, Kokomo, IN

Jan. 2004 - Aug. 2008

Full Time – Systems Engineer – XM Satellite Radio (Jan. 2007 - Aug. 2008)

- Participated on a project team to develop the 2009 model year XM Satellite Radio receiver for GM vehicles
- Assisted and led two other systems engineers through the design process and critical problem solving sessions
- Allocated requirements and worked closely with the customer (GM), suppliers, and project management
- Achieved a flawless production launch and received the Delphi Systems Engineering Award

Co-op Student – Systems Engineer – XM Satellite Radio (May 2006 - Aug. 2006)

- Wrote RTD's and performed software tests on the 2009 model year XM data services receiver
- Received Delphi Excellence Award for paying attention to detail and detecting an incorrect audio output level

Co-op Student – Systems Engineer – Advanced Engineering (May 2005 - Aug. 2005)

- Programmed micro-controllers and collected data for a driver state monitor system

Co-op Student – Systems Engineer – Warning Systems (Jan. 2004 - April 2004)

- Performed temperature tests and antenna pattern measurements on a radar back-up aid

Other Experience

Delphi Electronics and Safety, Kokomo, IN

May 2003 - Aug. 2004

Co-op Student – Lab Technician – Telematics (May 2004 - Aug. 2004)

- Constructed test equipment and wiring harnesses for in-vehicle testing

Co-op Student – Research and Development – Energenix (May 2003 - Aug. 2003)

- Researched current probes, updated schematics, and built wiring harnesses for battery monitoring

Millwright Services Inc., Wabash, IN

(Aug. 2002 - April 2003)

Millwright Worker

- Worked in factories installing new machinery and repairing current machines

Technical Skills

Telelogic DOORS, Fault Tree/Fishbone/5-Why Analysis, CAN Communication, Micro-Controller Interfacing, Analog and Digital Circuit Analysis, Assembly and C Programming, Visual Basic, Microsoft Office/Project/Visio

Awards and Honors

Delphi Electronics and Safety Fellowship recipient

Mar. 2008

Delphi E&S Skills Enhancement Certification acquired

Oct. 2007

Chemistry, Science, Engineering, and Math Scholarship (CSEMS) recipient

Dec. 2004 - Dec. 2006

Purdue University Academic Honors and Deans List recognition

Aug. 2002 - Dec. 2006

Activities and Interests

Cornell Formula SAE Race Team

Aug. 2008 - present

- Systems Engineer, Rebuilds and Electrical Subteams member

International Council On Systems Engineering (INCOSE) member

Aug. 2008 - present

INCOSE Cornell Student Chapter Secretary

Aug. 2008 - present

Cornell Graduate and Professional Student Assembly (GPSA) field representative

Aug. 2008 - present

Treasurer of Tau Alpha Pi Honors Fraternity Purdue Chapter

Aug. 2004 - Dec. 2006