

SEAN M. DAVEY

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OBJECTIVE

Entry level position or internship in Electrical and Computer Engineering

EDUCATION

University of Minnesota Duluth

Bachelor of Science in Electrical and Computer Engineering, May 2014 Major GPA: **3.3/4.0**

Dean's List For Academic Excellence, Spring 2013, Fall 2012

COMPUTER SKILLS

Design: MATLAB and SPICE

Languages/Tools: C++, Visual C++, Java, machine, and assembly language programming

Operating Systems: Windows XP-7

Software Packages: Mathematica and MS Office

General Skills: Backup/Restore Utilities, Computer Operations, Install Hardware, Help Desk/Tech Support, Internet, and Troubleshooting

RELATED EXPERIENCE

Independent Tech Consultant, Self Employed, Duluth, MN in 2010 - 2013

Replaced hardware, built computers, removed viruses, malware, spyware, and trojans, and assisted customers with wide range of hardware and software problems.

ADDITIONAL EXPERIENCE

Street Maintenance Laborer - City of Duluth Maintenance Operations Duluth, MN Summers 2011 - 2013

Clerk - Falk's Pharmacy, Duluth, MN March 2010 - March 2011

PROJECTS

3-Band Equalizer and Amplifier for Guitar

Worked with a team to design and create a 3 band equalizer and amplifier using cascaded high pass and low pass filters and utilizing operational amplifiers.

Computer Game Puzzle Project

Created a program in Java which contained 4 separate puzzle games on a GUI containing animation and an option to solve, which uses a state space search, a graph search, and A* search algorithm.

Robot Controlled Motorcycle

Worked with a team to design a mathematical model for a theoretical robot which would keep a motorcycle in the vertical position while maintaining position and velocity by using autonomous control while in the presence of disturbances.

ACTIVITIES

Instrumentalist - 2010 - 2013, Play drums and guitar for local bands.

Ground Operations Volunteer - Duluth Air and Aviation Expo Duluth, MN in 2006, 2008, 2010, and 2012

Assisted pilots, helped to park airplanes, moved airplanes into position for takeoff, and organized runway operations.

College Intramurals

PROFESSIONAL MEMBERSHIPS

IEEE - Institute of Electrical and Electronics Engineers Student Chapter, 2013.

References Available Upon Request