

JEFFREY BECKMAN
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Education

Rose-Hulman Institute of Technology	B.S in Electrical Engineering	Feb 2011	3.1/4.0
Science and Engineering Magnet	High School	May 2007	3.2/4.0

Work Experience

• Field Consultant Engineer

July '11 - Now

Green Hills Software, Santa Barbara CA

- Provided technical support for embedded development tools including a JTAG probe, C/C++ compiler, breakpoint and trace debugger, and real-time operating system
- Helped customers debug difficult problems related to embedded programming, requiring an in-depth knowledge of the C language and operating system concepts
- Wrote testcases in C and C++ to reproduce behaviors based on customer's descriptions
- Communicated with customers daily to convey technical concepts in accessible language
- Became an in-house expert on the operating system, helping the salesmen and other support engineers to get with answers to the most difficult questions on the operating system
- Managed 3-5 short term projects simultaneously, while simultaneously managing some problems requiring months of debugging
- Updated a comprehensive changelog for certification purposes
- Wrote several small programs in C, C++, and Python, as well as technical articles to help solve common problems

Side Projects

• Green Light Props

May '12 - Now

Santa Barbara CA

greenlightprops.com

- Founded company to design and manufacture smart LED dance props
- Code, design and manufacturing methods are open source
- Custom PCB has an ARM Cortex-M3 based chip with an 802.15.4 radio

Programming Proficiency

- **Languages** (C, C++, Java), **Database** (MySQL) **Script** (Python, Shell), **Tools** (Eclipse, L^AT_EX, Gnu-plot).

Other Interests

Private Pilot License, Feb 2014 Instrument rating, In progress 200hr TT
Dance, Ballet, Juggling