Calvin A. Belden

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EDUCATION

University of Notre Dame Notre Dame, IN
Bachelor of Science in Electrical Engineering May 2014
Dean's List 7/7 semesters GPA: 3.857/4.000

University of Notre Dame – London Program London, UK
Fall Study Abroad Program December 2012
  GPA: 4.000/4.000

EXPERIENCE

Reddit Search Notre Dame, IN
Backend developer Feb 2013 – present
- Created a search engine for the popular website Reddit
- Implemented all backend development, which consisted of retrieving Reddit's search results and reranking the links using post metadata (recency, net votes, number of comments, etc.) and the bm25f ranking algorithm.

Trackr Notre Dame, IN
Software lead Dec 2012 – present
- Created a product, trackr, using the Raspberry Pi platform that logs a time-stamp and device ID of proximal Bluetooth LE beacons
- Managed and implemented all of trackr's logging features as well as data collection features for client devices (laptops) that need to wirelessly collect trackr's beacon records for analysis

MTS Systems Corporation Eden Prairie, MN
Software Test Intern May – Aug 2013
- Implemented several components of a new automated UI testing framework
- Developed a web-based phone service for collecting customer feedback during the annual Hackathon

Gentex Corporation Zeeland, MI
Embedded Software Intern May – Aug 2012
- Added and updated car mirror firmware used for diagnostics
- Designed integration tests to exercise the functionality of the product

LEADERSHIP

University of Notre Dame Student Senate Notre Dame, IN
Morrissey Hall Senator March 2011 – 2012
- Organized campus events and discussed university issues with other student leaders
- Presented at a demonstration for the Hall Presidents' Council to showcase the advantages of using free, web based technologies to communicate with residents

SERVICE

Participant, Habitat for Humanity March 2012
Member, National Honor Society Spring 2009 – Fall 2010

ACTIVITIES

Member, Morrissey Hall hockey team Jan 2011 – Present
Employee, Loftus Sports Center Aug 2010 – May 2012

LANGUAGES

Most recent: Python
Prior experience: C#, C, HTML/CSS, Ruby, C++, CUDA, Scheme