

# David van Geest

(please request contact information by emailing me from <http://60cycle.net/contact.php>)

- Objective** Electrical and computer engineering graduate with one year experience in software engineering seeking a full-time position to use experience and technical skills while making a valuable contribution to a company.
- Education** **Calvin College** – Grand Rapids, Michigan  
Bachelor of Science in Engineering, Electrical and Computer Concentration, May 2008  
Additional major in French, May 2008
- Passed the Fundamentals of Engineering (FE) exam, October 2007
  - GPA: 3.9/4.0
  - Dean's List, 2003 – 2008
  - Language courses at the **Centre Universitaire d'Études Françaises** – Grenoble, France, 2005
  - Level B2 (Vantage) – Common European Framework of Reference for Languages
- Skills** Windows, QNX, Linux, and Mac environments, MS Visual Studio .NET, Eclipse, cmake, GNU Toolchain, QNX Momentics, µClinux, OOP, C/C++, Java, LISP, Smalltalk, ADA, SPARC ISA, Nios II ISA, Subversion, XHTML, XML, XSL-FO, XSLT, CSS, PHP, JavaScript, ORCAD PSpice, Altera Quartus II, ModelSim, VHDL, MATLAB, AutoCAD, EDSA, GE Config Pro, GE Fanuc iFix, MathCAD, Mathematica, MS Office, virtual machines, and networking
- Affiliations** IEEE Member, 2006 – 2009, and Calvin College IEEE Student Branch Member, 2006 – 2008
- Experience** **Burke E. Porter Machinery Company (BEPCO)** – Grand Rapids, Michigan (2008 – 2009)
- Developed and maintained automotive testing software as part of a team of engineers
  - Supported new installations and upgrades at worldwide manufacturing facilities
  - Participated in pre-production vehicle testing
  - Developed software for new embedded products as part of ongoing R&D
- Calvin College Engineering Department** – Grand Rapids, Michigan (2007 – 2008)
- Worked as part of a senior design team on the design process, including research, development, prototyping, and presentation of a product
  - Designed a digital electronic stethoscope that records, analyzes, compresses, stores, and transfers high-quality medical audio data
- Electrical & Systems Advanced Control (ESAC)** – London, Ontario (Summer 2007)
- Developed HMI and SCADA programs
  - Created and maintained electrical drawings
  - Tested finished products and wired control panels
  - Wrote technical documentation
- Festival Hydro, Electrical Engineering Department** – Stratford, Ontario (Summer 2006)
- Created and maintained databases and drawings
  - Verified field installations
- Calvin College Audio-Visual Department** – Grand Rapids, Michigan (2005 – 2008)
- Provided technical support, troubleshooting, and delivery of college audio-visual equipment
- Pro Electric Inc.** – London, Ontario (Summer 2005)
- Wired new homes according to CSA Canadian Electrical Code
- Engineered Solutions Corp.** – London, Ontario (Summer 2004)
- Inspected auto parts to ensure quality and safety
- References** (for privacy reasons, references available by request: <http://60cycle.net/contact.php>)