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# BRIAN WESLEY WILLIAMS

## OBJECTIVE

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To obtain a position that will utilize and expand my Korean Language skill.

## EDUCATION

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2003 – present Vanderbilt University Nashville, TN  
*MS Computer Science, expected May 2008 (parttime student)*  
1996 - 2000 Cornell University Ithaca, NY  
*BS Computer Science, Asian Studies Concentration, January 2001*  
1998 Yonsei University Seoul, Korea  
*Foreign Exchange Student - studied Korean Language, Culture, and History*

## WORK EXPERIENCE

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Oct 2002 – present Institute for Software Integrated Systems Nashville, TN  
(Vanderbilt University) [www.isis.vanderbilt.edu](http://www.isis.vanderbilt.edu)  
*Staff Engineer*

- Supported research faculty and scientists in group focusing on modeling (model integrated computing, model driven development) and embedded systems.
- Developed tool software in various languages such as C++, Java, COM, Python, including search function, event logging, Java API for GME, regression testing for UDM and GReAT, Tool adapters and translators for OTIF (on GME, UDM, GReAT, OTIF, visit ISIS website)
- Substitutue teacher for undergraduate Digital Logic class.
- Developed and Maintained <http://www.escherinstitute.org> website, maintained <http://repo.isis.vanderbilt.edu> website.
- Currently completing subcontractor work on Future Combat Systems (<http://www.army.mil/fcs/>)

Jan 2001 – Oct 2002 Teradyne, Inc (TER) [www.teradyne.com](http://www.teradyne.com) Boston, MA  
*Software Engineer*

- Participated in maintenance and evolution of High Speed Digital (HSD) device drivers for A5/Catalyst/Tiger line of semiconductor Automated Test Equipment (ATE), which use Teradyne's IMAGE software suite
- Programmed/debugged device drivers in C on Solaris, using strict software version control and defect tracking systems.
- Extended simulator libraries to add newest tester specific edge timing rules
- Used Teradyne Test Language (TL), an extension of C, to create semiconductor device tests to run on Teradyne's ATE for Black Box testing

pre-2001 Various employers  
*Previous Experience*

- Internships in MIS and Telephony
- Grader for introductory Computer Science courses
- Various food and service industry work

## SKILLS AND SPOKEN LANGUAGES

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Software Engineering, High-Level programming and scripting languages, Object-Oriented Programming, Modeling and Meta-Modeling.  
Native English, Proficient Korean.