

Xiayang(Shawn) Yan

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OBJECTIVE Explore career opportunities as a SAS programmer/developer.

EDUCATION & TRAINING

University of Michigan College of Engineering Ann Arbor, MI
Computer Science Engineering, Graduated May 2009
Yorktown High School Arlington, VA
National Honor Society, Graduated June 2005

EXPERIENCES & PROJECTS

Project Specialist/Financial Economist I August 2009-Now
Fannie Mae, Washington D.C.

Work in Single Family Applied Credit Pricing team under Business Analysis and Decision division. Create/complete monthly reports, specific project orientated reports, ad hoc requests utilizing SAS, SAS MACRO, ODS, and SAS/GRAPH functionalities. Rewrite SAS codes to facilitate new loan pricing engine using a combination of DATA steps and PROC steps. Prepare SAS datasets by extract from Oracle tables via PROC SQL. Experiment with PROC steps, ODS and MS Excel functionalities for new ways to represent specific aspects of data.

University of Michigan College of Engineering 2005 – 2009

- *EECS 484*: Experience with relational database management systems (DBMSs).
- *EECS 482*: Learn basics of operating systems. Implement external pager, multi-threaded secure network file server model use C++.
- *EECS 497/TC497*: Facilitate SDLC, work with two teammates on developing software for 2D simulation of water seepage effects on underground tunnels using FEM library, LibMesh and Qt. Code in C++.
- *SI650*: program and utilize search engine functionalities use Perl.
- *EECS475*: Learn concepts, algorithms, and protocols in cryptography.
- *EECS280/281*: Practice Object-Oriented Programming with C++.
- *EECS 370*: Emulate simple computer architecture implementations use C.

IT Co-op Intern 2007, 2008
CACI-Dynamic Systems Inc. Arlington, VA

Perform testing and documentation of information system software FedSelect and Capital Asset Tracking System (CATS). Assist in program new functionalities for FedSelect in VB. Help conversion of CATS from VB to VB .NET. Add database-backed progress tracking function and submission functionality to IAA ethics training course.

IT consultant 2005, 2006
Chi Associates Inc. Arlington, VA

Work with clients in establishing office network environment; provide expertise in network connection, software configuration, and system debugging.

SKILLS

Operating systems: Windows, MS server, Linux/Unix, MSDOS, MAC
Programming: SAS, C, C++, Java, SQL, HTML, PHP, CSS, Matlab, perl
DBMS: mySQL, Oracle
Software/tools: MS Office suite, Visual Studio .NET, PhotoShop CS2, Flash, Dreamweaver 8, SSH, FTP, Eclipse