

Paimon Sorornejad

Citizenship : American - Date of birth : 05/30/1985

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- Contact For More Information -

Profile

Objective I am seeking a position within computer engineering, utilizing strong critical thinking and hands on applications.
Availability Currently Employed

Education

2007 to 2012 Master of Engineering in Electrical Engineering

University of Hartford, West Hartford, CT

GPA: 3.66/4.00

Thesis: AFDX Through TinyOS

2003 to 2007 Bachelor of Science in Computer Engineering

University of Hartford, West Hartford, CT

GPA: 3.21/4.00, Deans List

Minor: Computer Sciences

Key Skills

Proficient or familiar with a vast array of programming languages, concepts and technologies, including :

Computer Programs

AutoCAD, MatLAB, LabView, Cadence Pspice, Cadence Layout, Cadence PCB Editor, TSpice, Ledit, THRSim, Xilinx ISE, Microsoft Windows (7, Vista, XP, 2000, 98, 95), Eclipse, Microsoft Visual Studio (2003, 2005, 2010), NX Unigraphics (4.0, 6.0, 7.5, 8.5), Teamcenter (9.13, 2007), CA Application Performance Management Suite (SOI, PAM, Spectrum)

Computer Languages

C/C++/C#, Assembly Code (68HC11, 68HC12), Java, Javascript, JQuery, Fortran, Oracle/SQL/DQL, Perl, HTML, VHDL, MatLAB, OpenGL, Unix/Linux, Android SDK, Puppet

Other

Soldering, PCB Board Construction, 802.15.4 Wireless Protocol, Documentum, Exceed Server, CVS, SVN, GIT, Joomla, Websphere, Tomcat

Related Work Experience

Cigna

Infrastructure Engineer Sr Specialist

Full-time Job

September 2013 to Present

- ✓ Team lead for Service and Application Dashboarding
- ✓ Works closely with the Operations Command Center to provide the necessary tools for alarm management
- ✓ Administrator for CA Service Operations Insight with training through CA consultants and CA training classes
- ✓ Power user for CA Process Automation
- ✓ Redesigned the support advices mechanism in the first 6 months of employment to restructure advices from html pages to database managed. This opened an avenue for automated alarm management.

Computer Sciences Corporation

Software Professional

Full-time Job

June 2008 to September 2013

- ✓ Contracted to Pratt and Whitney and UTC Aerospace Systems
- ✓ Maintained help desk tickets relating to NX, DDM, ERI
- ✓ Restructured Electronic Release process to Windows from Unix systems
- ✓ Restructured DDM (Documentum Data Management) Application from version 4.0 to 6.5
- ✓ Updated DDM Web application to handle new enhancements through the conversion of Documentum versions
- ✓ Developed/Updated ufunc applications including BOM Worksheet (ughs001), Nexus (ug976), PTA for Ansys (ug956), ICP Checker (ug999), Edit Tube (ug012), CPC Checker (ug020), DPA Setup (ug202), Web Drawing "Webber" (ug945), Teamcenter Migration Application, NX Unigraphics C++ Wrapper (ug985), Teamcenter C++ Wrapper (ug986)
- ✓ Developed an automated system for converting Unigraphics applications from 32bit to 64bit
- ✓ Developed web based monitoring applications for business critical Windows services
- ✓ Involved in the development of a "Usage Based Lifting" system to monitor critical engine component usage and wear parameters
- ✓ Researched and provided tutorials for colleagues on business related topics (64bit coding tips and examples, CVS tutorials, Windows 7 tutorials, etc)
- ✓ Automated software conversions (Over 100 applications, C++ and Fortran) from Visual Studio 2005 to Visual Studio 2010
- ✓ Automated software recompiles (Over 100 applications, C++ and Fortran) from NX Unigraphics 6.0/7.5 to 8.5

**University of Hartford, West Hartford, CT
Student**

**Master's Project
Fall 2007 – Spring 2008**

- ✓ Development of a fiber optic toolkit. Project consists of development of working hardware and finalization of the project through various experiments. Product is to be used within undergraduate classrooms to help promote the education of fiber optic systems.

**University of Hartford, West Hartford, CT
Student**

**Master's Project
Fall 2007 – Fall 2012**

- ✓ Development of a wireless sensor network that integrates the use of AFDX in a small personal network. The goal of this project is to take small wireless motes and have them communicate with from one abstract endpoint to another using the AFDX protocol.

**University of Hartford, West Hartford, CT
Student**

**Bachelor's Project
Fall 2007 – Spring 2008**

- ✓ Worked under the supervision of Dr. Krista Hill
- ✓ Project developed for Conn. Children's Medical Centre, Hartford CT
- ✓ Sole Computer engineer on a team to take the existing electrocardiogram hardware in hospitals, and design a smaller, more efficient, wireless electrocardiogram (ECG/EKG) device to help detect and respond to an apnea event occurring in premature babies, presenting portability and ease of use, while maintaining the lifesaving aspect of the device.

**WSAM Radio Station, West Hartford, CT
Director of Computers**

**Internship
Fall 2005 – Spring 2006**

- ✓ Maintain computer systems including upgrades and also the reconstruction and maintenance of the WSAM website

Work Experience

**Staples, Woburn MA
Electronics Specialist**

**Full-time Job
Summer 2004 – Winter 2005**

- ✓ Further developed one on one sales techniques in a fast paced environment
- ✓ Computer Repairs
- ✓ Achieved Associate of the Month honors two times out of 25-30 active employees

**Circuit City, Burlington MA
Imaging Product Specialist**

**Summer Job
Summer 2003 – Fall 2003**

- ✓ Developed sales experiences and area responsibilities
- ✓ Developed experience with various electronics mainly digital cameras, camcorders, televisions, and DVD players
- ✓ Top District Imaging Salesman, July 2003

**Wal-Mart, North Reading, MA
Service Desk Associate**

**Full-time Job
Summer 2002 – Spring 2003**

- ✓ Developed strong people skills
- ✓ Developed cash register training in a fast paced environment

**Eastern Freestyle Karate, Reading MA
Martial Arts Instructor**

**Full-time Job
Spring 2000 – Spring 2003**

- ✓ Developed strong teaching skills for students of all ages
- ✓ Achieved Rank of 2nd Degree Black Belt with eleven years of Martial Arts experience

Activities and Interests

- Representative of Computer Engineers for the College of Engineering, Technology and Architecture (CETA) at the University of Hartford
- Member of the Institute for Life Support and Sustainable Living through the University of Hartford
- Building, modifying, repairing, and upgrading computers
- Worked with computers for at least 14 years
- Considers self as an advanced and highly technical user of technologies
- Hands on interest and experience in modifying and driving cars
- Sports fanatic

Selected Personal Projects

- CAN based automotive device developed to interface with the Mazda RX8 ECU. This device, called the RxDuino, connects to the vehicle via the OBD2 port, and displays critical ECU information on the center console. Application developed with arduino software, and a hardware pcb and enclosure was designed and constructed <http://www.therxduino.com>
- Open source Android application to help users interface to the RX8Club.com forums. Java based application developed for the RX8Club.com user community and maintained with user feedback. Hosted on Google Play with over 500 active installations. <https://play.google.com/store/apps/details?id=com.normalexception.forum.rx8club>
- Created an ad-free personal portfolio online with "Do-It-Yourself" tutorials relating to cars, programming, and web development. <http://www.normalexception.net>

Languages

English (fluent)

Spanish (Can understand, took courses in school)

Farsi (Native tongue, can understand and translate)