

Sergiy Manolov

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Status in the USA: US Citizen.

QUALIFICATIONS

- 2 years of iOS programming experience
- 6+ years of professional programming experience
- High Performance Computing
- Master's degree

EDUCATION

December 2012:

Texas A&M University

Master's degree in Nuclear Engineering, GPA: 3.608.

February 2004:

Moscow Engineering-Physics Institute (MEPhI university).

Bachelor's degree in Nuclear Engineering

PROFESSIONAL EXPERIENCE

February 2013 – Present

iOS Developer, Consultant

Rivet Radio – Chicago, IL

Biomet - Parsippany, NJ

Sears Holdings - Hoffman Estates, IL

I have worked as an iOS developer for a number of companies. My job was to participate in development of software for iOS devices (iPhones, iPads). The applications are used internally by Sears store managers and associates and Biomet sales representatives.

Programming languages and tools: iOS 5, 6, 7 and 8 SDK, CocoaTouch, XCode 4 and 5, JSon, SQL.

January 2010 – December 2012

Graduate Student, Research Assistant

Department of Nuclear Engineering, Texas A&M University

3133 TAMU

College Station, TX 77843-3133

I was working on the project which studied different numerical models for particle transport (Sn, Pn and Diffusion), their coupling and optimization. Languages used: Matlab, C++.

**October 2008 –
January 2010**

Technician II

Center for Large-Scale Scientific Simulations (CLASS)
Security Sciences Complex 322 Teague Research Center
Texas A&M University College Station, TX 77843

I was a part of the group working on the PDT code (Parallel Deterministic Transport code).

1. Modernization of the PDT code (C++, MPI)
2. Developing the GUI for the PDT code (Java).
3. Developing the software to convert the output data to other formats (SILO format, animation, *.jpeg, etc.)

**February 2008 -
October 2008**

Computer Technician

Texas Digital Systems
2215 Sebesta Rd, College Station, TX 77845

1. Diagnostics, repair and upgrade of embedded computer systems.
2. Microchip firmware installation.
3. Troubleshooting.

**January 2006 -
September 2007:**

Quality Assurance engineer, Software Developer

DC BARS
2nd Silikatny proezd 9 Bld.5, Moscow, Russia

The company develops various avionics systems: flight control and management, communications for the USA companies (Avidyne, Honeywell etc.).

1. Test scripts development (as a Quality Assurance engineer) according to clients' requirements and industry standards. Used programming language: VBA.
2. Software error finding and documenting.
3. Responsible for formal talks with customers concerning software requirements.
4. Coordinates with QA Engineers to provide them with customers' instruction.
5. Plan test environment functionality.
6. Participation in development of the test environment. Used programming languages: C++, VB.