

resume

Stephen Sarma-Weierman

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profile + skills

Technology specialist with over a decade experience studying, using, and teaching software development, computer programming, and other computer technology subjects.

- Knowledgeable in several programming language and integrated development environments, including C++, Java, JavaScript & JQuery, HTML & CSS, and Python.
- Knowledgeable in both relational (MySQL) and non-relational (MongoDB) database design and implementation.
- Knowledgeable in Object-Oriented Design Patterns.
- Competent in using Microsoft Windows and Office, Apple OSX, Linux, and other Unix systems.

experience – education

Borough of Manhattan Community College (New York, NY)

Continuing Education Instructor

November 2015 - Present

- Organize and teach introductory-level Python programming course.

Self-Employed (New York, NY)

Freelance Educator, Iteran.com

March 2009 – Present

- Tutoring middle-school, high school, undergraduate, and graduate Computer Science and Mathematics courses.
- Provide IT training for professionals.

New York City College of Technology (Brooklyn, NY)

Adjunct Lecturer

January 2010 – May 2012

- Taught introductory through advanced Computer System Technology courses.
- Taught Introduction to Programming using Alice and Java, Application Architecture using Java, and Linux System Administration.

Reason for leaving: Accepted into M.Div. Program at Union Theological Seminary.

Borough of Manhattan Community College (New York, NY)

Adjunct Lecturer

January 2010 – December 2010

- Taught remedial Mathematics courses.

Reason for leaving: Schedule conflict.

Lewis University (Romeoville, IL)

Adjunct Faculty / Tutor

January 2005 – July 2006

- Department of Mathematics and Computer Science.
- Designing and teaching new Advanced Java course.
- Teaching College Mathematics (undergraduate) and Operating Systems (both undergraduate and graduate).
- Tutoring mathematics and MIS courses for business students.

Reason for leaving: Family reasons. Relocated to Florida

experience – software development

Algorithmic Creations (New York, NY)

Java/Spring Developer

January 2009 – March 2009

- Testing, troubleshooting, and documenting e-wallet application.
- Experience using Java, JSF, and JavaScript.

Reason for leaving: Laid off.

Cablevision (Bethpage, NY)

Embedded Developer

November 2007 – September 2008

- Developing Embedded Advertising channels Optimum Homes and Optimum Autos.
- Using Java and JSP to generate XML to run on cable set-top boxes.
- Experience using Java, JSP, Eclipse, ANT, and Maven.

Reason for leaving: Contract ended upon completion of project.

QoS Labs (Boca Raton, FL)

R&D Engineer

May 2007 – October 2007

- Java application development and programming using Eclipse.
- Utilizing Scrum agile development methodology.
- Writing multi-threaded resource and class loader.
- Migrated CVS repository to Subversion.

Reason for leaving: Financial reasons. Relocated to New York.

PowerWorld Corporation (Champaign, IL)

Programmer

May 2006 – July 2006

- Software development and maintenance of Powerworld Retriever application using Delphi.

Reason for leaving: Family reasons. Relocated to Florida.

education

MongoDB Online Training (university.mongodb.com)

September 2015

Completed M101P – MongoDB for Developers

Union Theological Seminary (New York, NY)

May 2015

Master of Divinity

- Focus primarily on Systematic Theology.
- Final thesis: “The Continuing Relevance of Karl Barth's Critique of Liberal Theology.”

DePaul University (Chicago, IL)

Master of Science — Computer Science

November 2005

- GPA 3.7 / 4.0.
- Primary focus in System Foundations. Secondary focus in Software Engineering.

Lewis University (Romeoville, IL)

Bachelor of Science — Computer Science

May 2002

- High honors. GPA 3.8 / 4.0.
- Second Major in Mathematics. Minors in Philosophy and Theater.
- Participated in Junior Year Abroad program at University College Dublin in Spring 2000.

service activities

- Organized free Basic Mathematics course to help adult students prepare for GED and college entrance exams.
- Appointed Treasurer, board member of Judson Memorial Church, 2012-2013.
- Served on the Finance Committee at Judson, 2012-2013.
- Served on the Congregational Life Committee at Judson, 2009-2014.
- Volunteer at 93rd Street Sandwich Line, Broadway United Church of Christ.

honors + activities

- Designed and implemented open-source file utility in Java. (code.google.com/p/folder-flattener)
- Conducted independent research in abstract algebra and group theory.
- Member of Kappa Mu Epsilon National Mathematics Honor Society. (Lewis University, as faculty.)
- Member of Upsilon Pi Epsilon International Honors Society for the Computing and Information Disciplines. (DePaul University, as student.)
- Recorded YouTube tutorial videos teaching programming using Java and Netbeans. (www.youtube.com/iteraneducation)