

Daniel De Sousa

E-Mail: daniel.s.desousa@drexel.edu

Education

B.S. in Computer Science

Drexel University

June 2010

GPA: 3.96

M.S. in Computer Science

Drexel University

June 2010

GPA: 3.94

Experience

Google, Inc.

Software Engineering Intern

September 2007 to March 2008

Mountain View, CA

- Designed and implemented an automated regression testing system in Python for the Machine Translation research group.
- Designed and implemented a web application in Python to interface with the regression testing system.

Motorola, Inc.

Co-op Engineer/Programmer/AutoMOTO Product Verification

July 2006 to March 2007

Horsham, PA

- Designed and implemented the next generation Motorola set-top box reliability information system using .NET, which replaced a \$50,000/year manual process.
- Scripted the automation of a major set-top box test plan; saving an average of 80 man-hours per monthly test cycle.
- Traveled to Lawrenceville, GA to technically assist test engineers in automation scripting.
- Modified proprietary set-top box code written in C to test device firmware.

Teaching Experience

Drexel University Computer Science Department

Instructor / Teaching Assistant

April 2007 to Present

Philadelphia, PA

- Prepared lecture materials for a college wide class of 800+ students.
- Instructed and assisted instruction several course sections a week in a lab based setting.

Computer Skills

Languages

Python, Java, C, C++, C#, Maple, LISP/ Scheme, PHP, Ruby, XML, HTML/CSS, SQL, JavaScript, ActionScript, TorqueScript

Frameworks/Platforms/APIs

Java SE, .NET, Java Persistence API, Django, OpenMP, MPI, Cilk, C-Linda, Torque Game Engine

Honors / Awards

A* Scholarship, 2009

CS Award for Academic Excellence, 2007

A.J. Drexel Scholarship, 2005 to Present

Dean's List, 2005 to Present

Pennoni Honor's College, 2005 to Present

Eagle Scout Award (BSA), 2004