**Luis Torres**

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**CAREER OBECTIVE**

Seeking an entry-level position

**EDUCATION**

B.A., California State University Fullerton (Mathematics), honors, cum laude (2011)

M.S., California State University Fullerton (Computer Science), Fall 2011-Present

Dean’s List: Fall 2007, Spring 2008, Fall 2008, Spring 2009, Fall 2009, Spring 2010, Fall 2010, Spring 2011

**RELATED COURSES**

* Programming with C++
* Problem Solving with C++
* C++ Data Structures
* Computer Organization and Assembly Language
* Python Programming
* Design and Analysis of Algorithms
* Software Engineering
* Business Modeling with Spreadsheets

**PROFESSIONAL EXPERIENCE**

**Application Developer**

**Discover, CA August 2013 – Present**

* Worked with WPF to extend the in-house Discover Home Loans application (SOL)
* Altered and updated complex SQL stored procedures accessing and retrieving large amounts of data
* Participated in highly Agile software development practices, where between Sprints we had to release many Hotfixes
* Worked with Pricing team on a mission to automate a user locking, unlocking, re-locking, re-working, adjusting and extending a loan
* Worked closely with XAML to create great user interfaces creating a better user experience for pricing project, pricing subprojects and other projects simultaneously
* Created a uniform set of styles and templates for the SOL application
* Extremely active with Team Foundation Server, Visual Studio, Blend, Snoop, and SQL Server

**Student Intern, Developer – Innovation Incubator Group**

**Verizon, TX June 2013 – August 2013**

* Conducted gap analysis on in-house APIs to finds gaps with the Innovation Incubator API Standards
* Documented in-house applications and APIs
* Participated in highly Agile software development practices
* Worked with HTML5, CSS3, JavaScript, Python, Flask-peewee, PHP, MySQL, Drupal, Ruby, Ruby on Rails, Node JS and Android, Bootstrap
* Reviewed source code of APIs to document and improve implementation
* Designed an in-house Verizon Android theme for Android Applications
* Redesigned the front-end, back-end and added new features to an in-house Verizon team collaboration web application suing modern and popular technologies

**Student Intern – Program Management and Software Platform R&D**

**Invensys Operation Management, CA January 2013 – June 2013**

* Groomed the Portfolio Backlog
* Participated in Agile software development practices
* Built mock-ups for proof of concept development
* Worked with C#, WPF, WCF, SQL
* Prepared demonstrations and presentations for stakeholders
* Facilitated activities for program manager
* Customized tools to improve backlog management and better visualize data reducing planning time by 50%
  + Web Application to plan PSIs and Sprints by dragging and dropping features and user stories
  + MS Team Foundation Server (TFS) interfaces to better control creation of work items
  + TFS/Excel/MindMap collaboration and reporting

**SKILLS**

* Team Foundation Server (TFS) and Visual Studio
* LaTeX, Matlab, Mathematica
* C++, C#, ASP, ASP.NET, HTML, XML, PHP and MySQL, CSS, Python, Javascript
* Windows Phone OS
* Windows OS, Mac OS, Linux

**AWARDS AND HONORS**

* Outstanding Senior Honors Project 2010 – 2011 (CSUF)
* University Honors 2011 (CSUF)
* Graduating Cum Laude 2011 (CSUF)
* Special Recognition for Undergraduate Research 2011 (CSUF- Math)
* Academic Achievement Award 2011 (CSUF- Math)
* Recognition for participation at 25th annual CSU Student Research Competition at CSU Fresno, 2011
* 3rd place CSUF Student Research Competition, March 2011

**RESEARCH PRESENTATIONS “On *k*th roots in the Symmetric Inverse Monoid”**

**Oral Presentations**

* California State University Fullerton, Senior Honors Presentation, May 2011
* California State University Student Research Competition, CSU Fresno, May 2011
* California State University Student Research Competition, CSU Fullerton, 3rd place, March 2011
* California State University Research Colloquium, April 2010
* “Partial Ordered Injections Semigroup”, Dr. Scott Annin’s research meeting, April 2010
* Pacific Coast Undergraduate Math Conference, Pepperdine University, March 2010

**Poster Presentations**

* California State University Fullerton Natural Sciences and Mathematics-Inter-Club Council Symposium, April 2010
* Mathematical Association of America Section Meeting at Harvey Mudd College, April 2010
* Joint Meetings of the American Mathematical Society and the Mathematical Association of America,
* San Francisco, CA, January 2010

**PUBLICATIONS**

* “On *k*th Roots in the Symmetric Inverse Monoid” (with Dr. S. Annin, T. Cannon and C. Hernandez), *Pi Mu Epsilon Journal,* Spring 2012, p.1-12.
* “On *k*th Roots in the Symmetric Inverse Monoid” (with Dr. S. Annin, T. Cannon and C. Hernandez), Dimensions,

Vol. 12 (2010), p.103-116.