

# Anthony Duane Mays

## Experience

### Google (Irvine, CA)

#### Software Engineer

December 2013 – Present

- Build and maintain data visualizations tools and APIs for internal stakeholders including Google AdWords and Google Analytics.
- Increased office-wide participation in diversity and inclusion efforts, as well as various philanthropic activities internally and externally.

### Slalom Consulting (Manhattan Beach, CA)

#### Consultant

January 2012 – December 2013

- Optimized poorly performing Dynamics CRM 2011 plugin to decrease time complexity from  $O(n^5)$  to  $O(n)$  using FetchXML and LINQ.
- Designed and developed an algorithm for searching the relationship graph of CRM entities in the system to determine how to automatically assign newly created records to a specific team based upon a related Opportunity.

### Junction Solutions, E-Commerce On-Demand (Santa Ana, CA)

#### Sr. Software Engineer

April 2010 – December 2011

- Supported and maintained high-performance, high-availability E-Commerce web platform used by a number of notable online retailers including Swell and Active Ride Shops.
- Engineered enhancements to proprietary deployment system responsible for automating builds and deploying code releases to multiple, co-located environments. Credited with optimizing total deployment speed by 50% and increasing overall reliability by leveraging 3<sup>rd</sup> party ZIP compression tools and hashing algorithms to prevent having to repeatedly re-deploy artifacts that didn't need updating.

### City National Bank (Los Angeles, CA)

#### Programmer Analyst III

April 2007 – April 2010

- Key developer and architect of a simplified front-end to CRM solution that resulted in reduced sales overhead, significant time savings, higher CRM adoption, and increased operational efficiency for over 700 sales colleagues. Built using Microsoft SharePoint.
- Developed automated process for Marketing department that identifies detects existing bank clients in third-party prospect lists, creating immense time savings in new leads campaign preparation and increasing colleague productivity at least 200%.
- Saved the company nearly \$100,000/yr in new salary and/or offshore contracting costs by quickly learning ABAP programming language and SAP XI development to support new CRM system. Developed key report for sales team that tracked sales pipeline information, providing management visibility to pending and completed deals by colleague or by department.

#### Programmer Analyst I-II

June 2004 – April 2007

- Co-invented and engineered patent-pending integrated accounting interface that ties client accounting software directly with back-end transaction processing systems. Generating over \$50,000/mo in revenue with over 5,000+ managed accounts, it is the largest and most lucrative revenue-generating software product to date.

#### Languages

JavaScript, C#, VB.NET, Java, ABAP, Python, PHP, C++, HTML, XML, SQL, VBA for office

#### Software

MS Visual Studio, MS Office, MS SQL Server 2005-2008, SQL Data Transformation Services (DTS) and SQL Server Integration Services (SSIS), SQL Reporting Services (SSRS), Internet Information Services (IIS), BizTalk, SharePoint, SAP (CRM, Portal, XI), MongoDB

#### Concepts

Object-oriented design and development, entity/relationship diagramming, UML, automated testing, test-driven development, code generation and refactoring, "Gang of Four" design patterns

#### Frameworks

.NET, AJAX.NET, jQuery, PDSA Toolkit, Microsoft Enterprise Library

#### Systems

MS Windows (3.1 95, 98, NT, 2000, Vista, 7), Linux (Ubuntu, Red Hat)

#### Honors and Awards

INROADS Intern of the Year Award, five-time "Colleague of the Quarter" recipient, two-time "Most Distinguished Mentor" honoree, UC Irvine Regents Scholarship Recipient.

## Education

University of California, Irvine

Bachelors of Science, Information and Computer Science

2001 – 2006