MIS Experience

3:00 – 5:30 PM
October 30th, 2009
## 2007–2008 Salary Survey of SJSU College of Business Graduates

<table>
<thead>
<tr>
<th>Field</th>
<th>SJSU Grads</th>
<th>National Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIS</td>
<td>$60,412</td>
<td>$47,648</td>
</tr>
<tr>
<td>AIS</td>
<td>$57,052</td>
<td>N/A</td>
</tr>
<tr>
<td>Finance</td>
<td>$53,741</td>
<td>$47,239</td>
</tr>
<tr>
<td>Corp. Finance</td>
<td>$53,050</td>
<td>N/A</td>
</tr>
<tr>
<td>Management</td>
<td>$52,302</td>
<td>$43,701</td>
</tr>
<tr>
<td>Accounting</td>
<td>$51,492</td>
<td>$46,718</td>
</tr>
<tr>
<td>Int’l Business</td>
<td>$50,636</td>
<td>$41,371</td>
</tr>
<tr>
<td>HRM</td>
<td>$48,684</td>
<td>$41,680</td>
</tr>
<tr>
<td>Marketing</td>
<td>$46,717</td>
<td>$40,161</td>
</tr>
</tbody>
</table>
Best Jobs for 2009 and Beyond

- **MSNBC**: selected network systems/data communications analysis as a best job with an expect 53% growth rate
  
  http://www.msnbc.msn.com/id/23037164/page/2/

- **Money Magazine** choose its 20 best jobs for those just starting out:
  - Ranked **Information Technology Generalist** as atop 5 job pick with an expected 10–year growth rate of 31%.
  - **Network Administrator** (entry level) was selected as a top 20 best job with and expected 10–year growth rate of 38%
    
MIS Job Range is HUGE

- Not just IT Support or DB Admin (don’t limit yourself to the course titles)
- Orgs (especially Silicon Valley) want “tech-knowledgable” business people
- Sample job titles from our own SJSU MIS alums working the field, now:

  - Business Systems Analyst at Xilinx
  - Online Program Specialist at Symantec
  - Senior Project Manager at Alaska Airlines
  - Internal Tools Developer at Google
  - Sr. Sales Engineer at Nuance
  - Systems Analyst at Countrywide Financial
  - Program Manager at iTradeNetwork
  - Associate Project Manager at eBay
  - Software QA Engineer at Apple
  - Data Analyst at Yahoo!
  - Business Analyst at Novellus Systems

  - IT Support Specialist at Intel
  - Project/ Program Manager, Global Services at Brocade
  - Director of Global Services at WildPackets
  - IT Auditor at SalesForce.com
  - Solution Architect at Applied Materials
  - Consultant at Accenture
  - ERP Business Analyst at Lockheed Martin Information Technology
  - Services Channel Manager at Cisco Systems
MIS Jobs at the SJSU Career Fair

Specifically listed MIS among majors desired:

• 8x8, Inc. (Tech Support, Inside Sales Rep)
• Cisco (IT Engineer, Financial Analyst, IT Analyst, Public Relations, Marketing Communication, Program Manager, Marketing Analyst)
• EMC (Various Technical Opportunities Available)
• KLA-Tencor (Buyer/Planner, Supply Chain Specialist, Electrical Design Engineer, Applications Engineer, Financial Analyst, Software Engineer, Sr. Financial Analyst)
• McAfee Inc. (Various Positions Available)
• Pacific Gas and Electric Company (Entry Business Opportunities, Entry Level Engineering Opportunities, Entry IT Opportunities)
• Siemens Healthcare (Various Student Intern/Coop Opportunities Available)
• Safeway, Inc. (Corporate Summer Internship Program)
• Hewlett Packard (Various Opportunities Available)
Listed all majors:

- Bay Area Air Quality Management District (various internships - all majors)
- Brocade (many positions - all majors)
- Sony (various positions available – all majors)
- Drug Enforcement Agency (special agent – all majors)

Should have listed MIS among majors desired - make a case for knowing bus+tech:

- MA Labs (Inside and International Sales, E-commerce Account Manager, Bilingual Customer Service Representative)
- Filemaker, Inc (Internships - Software Development & Software QA)
- Cypress Semiconductor (Applications Engineer, Pricing Analyst, Tactical Marketing Specialist)
- Novellus Systems, Inc (Process Development Engineer, Summer Internships)
- Vmware (New College Graduate and Intern-Applications Engineer, New College Graduate and Intern-Quality Assurance Engineer, New College Graduate and Intern-User Experience Engineer, New College Graduate and Intern-Systems Engineer), New College Graduate and Intern-Enterprise Technical Support Engineer)
MIS Program: Online Learning Opportunities

We offer several synchronous, online courses using a state-of-the-art tool, Elluminate.

Elluminate allows students to:

- To hear and see the instructor, slide presentations and the whiteboard markups
- Text in their questions
- Mark on the white board
- Share applications, documents, etc.
- Attend classes in a traditional classroom or via their computer online.
- Access their instructors’ office hours from...wherever.

In some cases, students can even attend classes from work during the lunch hour!
MIS Program: Community Service Learning

- Real projects for real organizations (local non-profits)
- Designed to give practical experience
- Benefits your community
- Strengthens university-community ties
- Builds your network
- Shows employers you can actually *do* something! (resume-enhancer)
MIS Spring 2010 Convocation: 100% MIS!

- What are the benefits of attending the MIS Spring 2010 Convocation?
  - It’s all about our MIS graduates (no Accounting, Finance, etc. like the CoB ceremony or whatever in the SJSU one)
  - Your name is announced, you walk on stage, you get to say something into the microphone (if you want; kiss)
  - It’s short (about an hour) and sweet (includes a reception with light food and elegant music)
  - Family and friends get great seats – perfect for picture taking when you receive your degree and awards
  - The guest speaker will be an SJSU MIS alum with advice and encouragement tailored to MIS grads
  - Lots of photo opportunities with your fellow MIS graduates and MIS Faculty

- What are the drawbacks of the MIS Convocation
  NONE!
Get Connected, Stay Connected

While you’re a student…
join the MIS Department Yahoo Group (free, 2–min)
to stay updated on latest news on classes, leads on
jobs, internships, special events, etc.

sjsumisdept1@yahoogroups.com

Then when you graduate…
create your LinkedIn profile and connect to the
MIS Department Alumni LinkedIn Group for
professional networking, alumni events, etc.

http://www.linkedin.com/groups?gid=43489
(SJSU Business MIS Alumni Network)
MIS Program: The Concept

Our program brings together an experienced group of academics and practitioners, teaching courses specifically designed to develop graduates that can bridge the gap between business and technology to create value for organizations.
SJSU’s Management Information Systems (MIS) Program Requirements
MIS Program: 1 Semester Practicum

Intro. to Business Programming

92 -> 110A

Fundamentals Of MIS

110A -> 110B

First MIS Elective
E 1

Second MIS Elective
E 2

Networking & Data Comm.

111

Requires 111 and 112

Systems Analysis & Design (May take concurrently with 92 or 110A)

110B -> 112

Database Mgmt. Systems

112

Requires Senior Status, 111 and 112

119A

119B

Practicum In MIS

Business Strategy & Information Systems

Requires Senior Status, 111 and 112
### MIS Program: Honors Practicum

#### 119H Honors Practicum - Maybe taken concurrently with 111 & 112

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>92</td>
<td>Intro. to Business Programming</td>
<td></td>
</tr>
<tr>
<td>110A</td>
<td>Fundamentals Of MIS</td>
<td>Requires 111 &amp; 112</td>
</tr>
<tr>
<td>110B</td>
<td>Systems Analysis &amp; Design (May take concurrently with 92 or 110A)</td>
<td>Requires 111, 112 &amp; Senior Status</td>
</tr>
<tr>
<td>111</td>
<td>Networking &amp; Data Comm.</td>
<td>Requires 111 &amp; 112</td>
</tr>
<tr>
<td>112</td>
<td>Database Mgmt. Systems</td>
<td>Requires 111 &amp; 112 &amp; Senior Status</td>
</tr>
<tr>
<td>119H</td>
<td></td>
<td>Requires 111 &amp; 112</td>
</tr>
<tr>
<td>119B</td>
<td>Business Strategy &amp; Information Systems</td>
<td></td>
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</table>
MIS Program – Electives Spring 2010

- Advanced Networking & Data Communications (115)
- Advanced Database Management Systems (116)
- Web–based Computing (118W)
- Special Topics in MIS: (118S)
Gary J. Sbona Honors Program

- Are you smart?
- Tired of carrying the load for slackers?
- Want to do a cool project?
  - Example: [www.sanjoseca.gov/tree](http://www.sanjoseca.gov/tree)
- Want an extra boost in your job hunt?
- And more ....

*Plan ahead to be part of it!*

More info: contact Prof. Jeanne Sawyer at Sawyer_j@cob.sjsu.edu
Why join MISA?

- It is your organization.
- Leadership opportunities.
- Network with your peers, alumni, and professors at many social and professional events.
- Complementary AIS student chapter membership. For more info visit [http://students.aisnet.org/](http://students.aisnet.org/)
- Complementary access to 232 Microsoft titles through MSNDAA. Titles include Windows 7 professional, Studio, FrontPage, and Project.
- Career and Internship opportunities.

To join: visit [http://sjsumis.org/](http://sjsumis.org/)
San Jose State University
Career Center

http://www.careercenter.sjsu.edu/index.html
Doug Evans
Douglas.Evans@sjsu.edu
SJSU MIS Alumni

- **Maryann Cristofii** – Junior Project Manager for British Telecom captive at Cisco and a member of the 2008 Cisco/Deloitte Case Competition Team, BSBA (MIS) 2008

- **Nima George** – Project Manager for Google Ads Engineering at Google, Inc., BSBA (MIS) 2003

- **Christopher Matthews** – Program Manager at eBay, BSBA (MIS) 2006

- **Sergio Ochoa** – Product Marketing Manager for Brocade, BSBA (MIS) 2008