

# **Survey of Undergraduate Alumni Spring 2016**

**Computer Science Alumni**



**Southeastern Louisiana University**

**Institutional Research**

# B.S. Computer Science

## Satisfaction with Degree Program

Number of Respondents: 21					
	Very Dissatisfied - 1	2	3	4	Very Satisfied - 5
<b>Overall quality of your department</b>					
BS Computer Science	0.0%	4.8% (1)	0.0%	33.3% (7)	61.9% (13)
<b>Overall quality of your degree program</b>					
BS Computer Science	0.0%	0.0%	9.5% (2)	23.8% (5)	66.7% (14)
<b>Clarity of the degree requirements as outlined in the catalogue and/or curriculum sheets</b>					
BS Computer Science	4.8% (1)	4.8% (1)	4.8% (1)	42.9% (9)	42.9% (9)
<b>Usefulness of the academic advice you received from your advisor</b>					
BS Computer Science	0.0%	9.5% (2)	14.3% (3)	33.3% (7)	42.9% (9)
<b>Opportunities to interact with faculty outside of class</b>					
BS Computer Science	4.8% (1)	0.0%	4.8% (1)	33.3% (7)	57.1% (12)
<b>Effectiveness of the faculty as teachers</b>					
BS Computer Science	0.0%	9.5% (2)	9.5% (2)	19.0% (4)	61.9% (13)
<b>Friendliness and helpfulness of the office staff</b>					
BS Computer Science	4.8% (1)	0.0%	14.3% (3)	14.3% (3)	61.9% (13)
<b>Interest shown by faculty in your academic development</b>					
BS Computer Science	0.0%	9.5% (2)	0.0%	23.8% (5)	66.7% (14)
<b>Effectiveness of beginning courses in preparing you for advanced courses</b>					
BS Computer Science	0.0%	4.8% (1)	28.6% (6)	23.8% (5)	42.9% (9)
<b>Quality of instruction in advanced courses</b>					
BS Computer Science	0.0%	0.0%	19.0% (4)	23.8% (5)	57.1% (12)
<b>Faculty treatment of students both inside and outside of the classroom</b>					
BS Computer Science	0.0%	4.8% (1)	9.5% (2)	9.5% (2)	76.2% (16)
<b>Professional activities, associations, or clubs associated with your major</b>					
BS Computer Science	0.0%	4.8% (1)	19.0% (4)	33.3% (7)	42.9% (9)
<b>Opportunity for meaningful interaction with faculty in research or other scholarly activity</b>					
BS Computer Science	4.8% (1)	0.0%	9.5% (2)	19.0% (4)	66.7% (14)
<b>Availability of the required courses in your major</b>					
BS Computer Science	4.8% (1)	14.3% (3)	19.0% (4)	33.3% (7)	28.6% (6)
<b>Availability of elective courses you wanted to take in your major</b>					
BS Computer Science	4.8% (1)	9.5% (2)	33.3% (7)	28.6% (6)	23.8% (5)
<b>Quality of instruction regarding standards and ethics in your major field</b>					
BS Computer Science	0.0%	4.8% (1)	9.5% (2)	33.3% (7)	52.4% (11)
<b>Opportunities for you to collaborate with other students on class projects</b>					
BS Computer Science	0.0%	0.0%	0.0%	19.0% (4)	81.0% (17)
<b>Satisfaction with Degree Program</b>					

Number of Respondents: 21					
	Very Dissatisfied - 1	2	3	4	Very Satisfied - 5
<b>Library resources related to your major</b>					
BS Computer Science	4.8% (1)	9.5% (2)	19.0% (4)	23.8% (5)	38.1% (8)
<b>Use of appropriate technology in the classroom</b>					
BS Computer Science	0.0%	0.0%	14.3% (3)	19.0% (4)	66.7% (14)
<b>Facilities and equipment (including computer resources) for courses in your major</b>					
BS Computer Science	0.0%	0.0%	23.8% (5)	23.8% (5)	52.4% (11)
<b>Help you received from faculty in your department with regard to further educational opportunities</b>					
BS Computer Science	0.0%	9.5% (2)	14.3% (3)	38.1% (8)	38.1% (8)
<b>The size of classes in your major</b>					
BS Computer Science	0.0%	0.0%	9.5% (2)	14.3% (3)	76.2% (16)
<b>Help you received from faculty in your department with regard to finding employment in your field</b>					
BS Computer Science	4.8% (1)	9.5% (2)	4.8% (1)	9.5% (2)	71.4% (15)
<b>The global perspectives of courses</b>					
BS Computer Science	0.0%	0.0%	19.0% (4)	28.6% (6)	52.4% (11)
<b>The relevancy of courses</b>					
BS Computer Science	0.0%	0.0%	9.5% (2)	42.9% (9)	47.6% (10)
<b>"Real-world" experiences, exposure, examples, etc. in or out of the classroom</b>					
BS Computer Science	0.0%	0.0%	4.8% (1)	23.8% (5)	71.4% (15)
<b>Your advisor's knowledge of requirements</b>					
BS Computer Science	0.0%	0.0%	23.8% (5)	28.6% (6)	47.6% (10)
<b>The accessibility of your advisor</b>					
BS Computer Science	0.0%	0.0%	19.0% (4)	28.6% (6)	52.4% (11)
<b>Your advisor's concern with your academic goals</b>					
BS Computer Science	0.0%	9.5% (2)	9.5% (2)	28.6% (6)	52.4% (11)
<b>Opportunity to acquire marketable skills</b>					
BS Computer Science	0.0%	0.0%	9.5% (2)	19.0% (4)	71.4% (15)

<b>Table 31 continued</b>		
<b>Satisfaction with Degree Program</b>		
	<b>No</b>	<b>Yes</b>
<b>2. Would you recommend Southeastern to someone interested in what you majored in?</b>		
BS Computer Science	4.8% (1)	95.2% (20)
<b>3. If you had it to do over again, would you choose the same major?</b>		
BS Computer Science	4.8% (1)	95.2% (20)
<b>4. Did you participate in an internship, a practicum, a clinical experience, or student teaching as part of your degree requirements?</b>		
BS Computer Science	76.2% (16)	23.8% (5)
<b>6. Should a hands-on course be required in your program?</b>		
BS Computer Science	0.0%	76.2% (16)

When asked what benefits they received from hands-on experience, Health Education & Promotion graduates had the following to say:

- The CS department at SLU provided me with an invaluable real world experience via the project courses. Semester projects are very similar to the job I perform today as a software engineer. Requirements are gathered, and the student is responsible for meeting deadlines and managing scope. I know that SLU is unique in this approach, and their CS grads are better prepared for professional software consulting/engineering.
- Real world experience and how not to be a crappy employee.
- I got a job, so that's a plus. ;)
- Real world experience Off course technology exposure

### **Perceptions of Southeastern**

One (4.8%) of the Computer Science graduates had participated in the study-abroad/student exchange. One (4.8%) of the respondents had participated in the honors program and was Somewhat Satisfied with the experience. Five (23.8%) of the respondents conducted research under faculty supervision. One (20.0%) was Very Satisfied with the experience and four (80.0%) were Somewhat Satisfied.

### **Graduate/Professional Education**

One (4.8%) of the respondents has completed a Master's degree. Six (28.6%) of the respondents are likely to enroll in the future, and nine (42.9%) have no plans for further education. Of those respondents with plans for further education, six (85.7%) plan on obtaining a master's and one (14.3%) plans on obtaining a professional degree.

The respondent with graduate school experience, indicated that Southeastern prepared them "Very Effectively" for further graduate/professional study and they were prepared "About the Same as Most." Furthermore, the respondent indicated their graduate degree program was "Somewhat Related" to their bachelor's degree from Southeastern.

## Employment

Three (14.3%) of the respondents have not been employed full-time since graduating from Southeastern, while thirteen (61.9%) have been employed full-time. Of those who have been employed full-time, seven (53.8%) had a job before graduating, three (23.1%) accepted a position upon graduation, one (7.7%) took 1-6 months to find a job, one (7.7%) took 7-12 months, and one (7.7%) took over a year.

The three respondents who did not have a job upon graduation faced a variety of problems in obtaining employment. Table 2 presents what were considered major problems, minor problems, or no problem.

<b>Table 2</b>			
<b>Please indicate whether each of the following was a major problem, minor problem, or not a problem in obtaining employment after graduating from Southeastern with your Bachelors.</b>			
	Major Problem	Minor Problem	Not A Problem
Limited to only one geographic area	0.0%	33.3% (1)	66.7% (2)
Not knowing what I wanted to do	0.0%	33.3% (1)	66.7% (2)
Tight job market	33.3% (1)	33.3% (1)	33.3% (1)
Lack of marketable skills	0.0%	33.3% (1)	66.7% (2)
Lack of educational qualifications	0.0%	0.0%	100.0% (3)
Reputation of Southeastern	0.0%	33.3% (1)	66.7% (2)
Lack of experience	33.3% (1)	66.7% (2)	0.0%
Lack of job search skills	0.0%	33.3% (1)	66.7% (2)
Poor GPA	0.0%	33.3% (1)	66.7% (2)
Racial discrimination	0.0%	0.0%	100.0% (3)
Gender discrimination	0.0%	0.0%	100.0% (3)
Age discrimination	0.0%	33.3% (1)	66.7% (2)

Five (38.5%) of those who have been employed full-time indicated their education was “Very Effective” in preparing them for employment or improving their job performance, six (46.2%) indicated it was “Effective”, and one (7.7%) indicated it was “Ineffective”. In regards to sources for learning about their first full-time job, three (23.1%) indicated faculty at Southeastern, one (7.7%) from another student/friend, one (7.7%) already had the job, three (23.1%) from an internship or practicum, one (7.7%) from an employment agency and three (23.1%) from the Southeastern Job Fair.

Fourteen (66.7%) are currently employed full-time and one (4.8%) is unemployed but looking for employment. Of those who are currently employed full-time, eleven (78.6%) are employed in the state of Louisiana. Four (28.6%) are employed in industry, one (7.1%) in a service organization, one (7.1%) is self-employed/private practice, one (7.1%) in a health agency, four (28.6%) in a professional firm, and three (21.4%) in business. When asked “If underemployment is defined as a condition in which your job requires lower levels of skill and training than those you acquired in college would you say that you are currently underemployed”, none (0.0%) of the respondents indicated they are underemployed. Six (42.9%) of the respondents are well satisfied with their employment and would not consider leaving and eight (57.1%) are satisfied with their employment but would consider other

employment. All of the respondents are employed in an the area of their Southeastern major or a related area. One (7.1%) respondents indicated a salary range of \$25,001-\$30,000, four (28.6%) \$40,001-\$50,000 and nine (64.3%) indicated a salary over \$50,000.

### **Professional Activities**

Five (23.8%) of the respondents indicated they currently hold a license, and three (14.3%) indicated it is not available in their field. Currently held licenses include:

- Microsoft Certified Software Developer
- I'm a Microsoft Certified Professional certified in Html5, CSS3, and Javascript as well as certified in ASP.NET MVC
- Microsoft License
- peoplesoft
- DO-178 Cerified (FAA standards)

Of the seven without licensure, two (28.6%) plan obtaining it within the next twelve months, including Technological certifications. Eight (38.1%) of the respondents are members of a professional organization, and eight (38.1%) have attended a professional meeting in the past year.