

COMPUTER SCIENCE ALUMNI SURVEY

1. ALUMNI INFORMATION

Please enter your name (optional) and year of graduation below.

1. Name (Optional):

2. Year of Graduation:

3. Gender

Male

Female

4. Which Polytechnic campus did you attend?

Brooklyn

Westchester

Farmingdale/Melville

55 Broad Street

Other (please specify)

5. Which degrees did you receive from Polytechnic?

BS

PhD

MS

Graduate Certificate

*6. Are you currently employed at this time?

Yes

No

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2. PART II.

1. Which of the following best describes your industry?

- | | |
|---|---|
| <input type="checkbox"/> Aerospace & Defense | <input type="checkbox"/> Financial Services |
| <input type="checkbox"/> Automotive and Transport Equipment | <input type="checkbox"/> Food/Beverage/Tobacco |
| <input type="checkbox"/> Banking | <input type="checkbox"/> Government |
| <input type="checkbox"/> Chemicals/Pharmaceuticals | <input type="checkbox"/> Health/Medical |
| <input type="checkbox"/> Computer Hardware | <input type="checkbox"/> Insurance |
| <input type="checkbox"/> Computer Software | <input type="checkbox"/> Manufacturing |
| <input type="checkbox"/> Conglomerates | <input type="checkbox"/> Materials/Construction |
| <input type="checkbox"/> Education | <input type="checkbox"/> Media |
| <input type="checkbox"/> Electronics | <input type="checkbox"/> Metals & Mining |
| <input type="checkbox"/> Engineering Consulting | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Telecommunications |
| <input type="checkbox"/> Environment | <input type="checkbox"/> Utilities |

Other (please specify)

2. Of the following, which best describes your primary job function?

- | | |
|--|---|
| <input type="checkbox"/> Corporate Official/General Management | <input type="checkbox"/> Information Specialist |
| <input type="checkbox"/> Functional Management/Department Head | <input type="checkbox"/> Consultant |
| <input type="checkbox"/> Supervisor of Technical/Professional Personnel | <input type="checkbox"/> Educator |
| <input type="checkbox"/> Engineer, Analyst, Computer Scientist, Other Professional | <input type="checkbox"/> Graduate Student |

Other (please specify)

3. Is your current employment in the same field as the degree you received at Poly?

- Yes No

4. If no, is your job in a field related to this discipline?

- Yes No

5. Did you choose to seek employment in a field different from your discipline?

- Yes No

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6. How many employees does your organization employ at your site?

- | | |
|------------------------------------|---------------------------------------|
| <input type="checkbox"/> <10 | <input type="checkbox"/> 1,001-10,000 |
| <input type="checkbox"/> 10-100 | <input type="checkbox"/> >10,000 |
| <input type="checkbox"/> 101-1,000 | |

7. How many employees does your organization employ worldwide?

- | | |
|---|--|
| <input type="checkbox"/> No other sites | <input type="checkbox"/> 1,001-10,000 |
| <input type="checkbox"/> <100 | <input type="checkbox"/> 10,000-50,000 |
| <input type="checkbox"/> 101-1,000 | <input type="checkbox"/> >50,000 |

The next section deals with your current employment situation.

8. At your present job, for which of the following fields is it important to have significant knowledge:

- | | |
|---|---|
| <input type="checkbox"/> Engineering | <input type="checkbox"/> Computer Science |
| <input type="checkbox"/> Advanced Mathematics | <input type="checkbox"/> Humanities |
| <input type="checkbox"/> Physical Sciences | <input type="checkbox"/> Social Sciences |
| <input type="checkbox"/> Life Sciences | <input type="checkbox"/> Business/Finance |

9. For each of the fields chosen in Question 8, please rate their corresponding level of importance below. If you did not choose one of the fields, please leave that row blank.

	Unimportant	Somewhat Important	Important	Very Important	Extremely Important
Engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advanced Mathematics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physical Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Life Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer Science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humanities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business/Finance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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10. For each of the fields chosen in Question 8, please rate how well you believe you were prepared at Polytechnic. If you did not choose one of the fields, please leave that row blank.

	Unprepared	Somewhat Prepared	Prepared	Well Prepared	Very Well Prepared
Engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advanced Mathematics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physical Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Life Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer Science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humanities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business/Finance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. At your present job, how important is it to have the skills and abilities in order to be able to:

	Importance
Apply knowledge of math, science, and engineering in your work	<input type="text"/>
Design and conduct experiments, and analyze and interpret data	<input type="text"/>
Design a system, component, or process to meet needs	<input type="text"/>
Apply the techniques, skills, and modern engineering tools necessary for engineering practice	<input type="text"/>
Function on multi-disciplinary teams	<input type="text"/>
Identify, formulate, and solve engineering problems	<input type="text"/>
Understand professional and ethical responsibilities	<input type="text"/>
Communicate orally	<input type="text"/>
Communicate effectively in writing	<input type="text"/>
Conduct research and collect resources for research	<input type="text"/>
Understand the impact of engineering solutions in a global or societal context	<input type="text"/>

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12. For each of the skill sets in Question 11, please rate how well you believe you were prepared at Polytechnic in order to be able to:

	Preparedness
Apply knowledge of math, science, and engineering in your work	<input type="text"/>
Design and conduct experiments, and analyze and interpret data	<input type="text"/>
Design a system, component, or process to meet needs	<input type="text"/>
Apply the techniques, skills, and modern engineering tools necessary for engineering practice	<input type="text"/>
Function on multi-disciplinary teams	<input type="text"/>
Identify, formulate, and solve engineering problems	<input type="text"/>
Understand professional and ethical responsibilities	<input type="text"/>
Communicate orally	<input type="text"/>
Communicate effectively in writing	<input type="text"/>
Conduct research and collect resources for research	<input type="text"/>
Understand the impact of engineering solutions in a global or societal context	<input type="text"/>

13. In relation to your employment, please rate the level of importance for each of the following.

	Unimportant	Somewhat Important	Important	Very Important	Extremely Important
Understanding the impact of technical solutions on society	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding professional and ethical responsibilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding the environmental aspects of engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding engineering product development from a business perspective	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

14. For each area of understanding from question 13, please rate how well you believe you were prepared at Polytechnic.

	Unprepared	Partially prepared	Prepared	Well Prepared	Very Well Prepared
Understanding the impact of technical solutions on society	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding professional and ethical responsibilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding the environmental aspects of engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding engineering product development from a business perspective	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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***15. In your current position, have you had the opportunity to hire any recent Polytechnic graduates?**

Yes

No

16. For each of the fields below, please rate the level of preparation of recent Polytechnic graduates.

	Unprepared	Somewhat Prepared	Prepared	Well Prepared	Very Well Prepared
Engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advanced Mathematics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physical Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Life Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer Science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humanities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business/Finance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

17. For each of the skill sets below, please rate the level of preparation of recent Polytechnic graduates in order to be able to:

	Preparedness
Apply knowledge of math, science, and engineering in their work	<input type="text"/>
Design and conduct experiments, and analyze and interpret data	<input type="text"/>
Design a system, component, or process to meet needs	<input type="text"/>
Apply the techniques, skills, and modern engineering tools necessary for engineering practice	<input type="text"/>
Function on multi-disciplinary teams	<input type="text"/>
Identify, formulate, and solve engineering problems	<input type="text"/>
Understand professional and ethical responsibilities	<input type="text"/>
Communicate orally	<input type="text"/>
Communicate effectively in writing	<input type="text"/>
Conduct research and collect resources for research	<input type="text"/>
Understand the impact of engineering solutions in a global or societal context	<input type="text"/>

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3. PART III.

1. Are you a Licensed Professional Engineer?

- Yes No

2. Since graduation, have you:

Attended any Polytechnic sponsored seminars?

- Yes No

3. Since graduation, have you:

Attended any Polytechnic sponsored social function?

- Yes No

4. Since graduation, have you:

Participated in any Polytechnic fundraising events?

- Yes No

5. Are you aware of the capital building projects currently underway at Polytechnic?

- Yes No

6. Since graduation, have you:

Participated in any alumni chapter event?

- Yes No

7. Did you attend a graduate school other than Polytechnic University?

- Yes No

8. If yes, please indicate institution attended and degree level attained.

Institution Attended

Degree Attained

9. Would you recommend Polytechnic to a friend?

- Yes No

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10. If you had it to do over, would you still choose to attend Poly?

Yes

No

11. Please feel free to comment on any aspect of your time at Polytechnic University.

