















**SIGCSE 2018 - CS Education Visions**

<p>We should teach CS Because...</p>  <p>1...there is a shortage of engineers and programmers and we need to fill it. (EWD)</p>	<p>We should teach CS because...</p>  <p>2.....it will strengthen our local economy by attracting companies looking for technologically competent workers. (EWD)</p>	<p>We should teach CS because...</p>  <p>3...being a good citizen in the 21st century will include digital citizenship. (CC)</p>
<p>We should teach CS because...</p>  <p>4... informed citizens need to understand the basics of how the technological world works in order to contribute productively to society as a whole. (CC)</p>	<p>We should teach CS because...</p>  <p>5... it promotes 21st century skills like creativity, collaboration and communication. (CL)</p>	<p>We should teach CS because...</p>  <p>6 ... being involved in creating technologies can give confidence in dealing with complex, open-ended problems, and persistence in the face of challenges. (CL)</p>
<p>We should teach CS because...</p>  <p>7...being able to understand and make technologies gives kids power and agency. (PJA)</p>	<p>We should teach CS because...</p>  <p>8 ...creating new technologies like apps, websites or robots is fun! (PJA)</p>	<p>We should teach CS because...</p>  <p>9...the more people we have that understand computer science, the more innovations and new knowledge we can produce as a society. (TSS)</p>
<p>We should teach CS because...</p>  <p>10 ...we need to produce scientific and technological innovations that solve 'wicked' problems such as climate change or 'runaway' technologies. (TSS)</p>	<p>We should teach CS because...</p>  <p>11 ...there are major disparities in young women's engagement in STEM fields and universal CSed is part of addressing that. (ESJ)</p>	<p>We should teach CS because...</p>  <p>12 ...it will level the playing field and help close the "digital divide" and "participation gap" around tech for lower income youth. (ESJ)</p>
<p>We should teach CS Because...</p>  <p>13 ...teaching CS is a compelling new area that teachers are interested in and is a place where they can experiment with pedagogy. (SRI)</p>	<p>We should teach CS Because...</p>  <p>14...CSed often uses project-based approaches that can enhance school pedagogy and move away from sage on the stage approaches. (SRI)</p>	<p>We should teach CS Because...</p>  <p>----- ----- -----</p>



What kinds of visions of impact are referenced in talk about universal computer science education?



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