

# Sheyne Anderson

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<b>SKILLS</b>	<b>Programming Languages:</b> C Family, Python, Mathematica, Typescript, Java, C#, etc. Extensive experience with <b>image processing</b> , <b>JNI/c++</b> , <b>machine learning</b> , <b>scientific computing</b> , <b>low-level C</b> , and <b>mobile app development</b> . <b>Graphics, Web Design, Linux/UNIX shell, Git</b>
<b>EXPERIENCE</b>	<b>Sinap IDE</b> ( <a href="https://github.com/2graphic/sinap-ide">github.com/2graphic/sinap-ide</a> ): Worked with TypeScript, Angular 2, and Electron to create a native feeling application Sinap IDE. Looked deeply at TypeScript internals to build advanced reflection features into the IDE. The entire back-end is unit tested with CI integration. <b>Novacoast, Inc</b> , Software Consulting Company <span style="float: right;">May 2014 – Present</span> <ul style="list-style-type: none"><li>▪ Mobile app development: built apps for <b>iOS</b> and ported to <b>Android</b></li><li>▪ Machine learning with <b>Tensorflow/Keras</b></li><li>▪ Rebuilt the image processing pipeline on an <b>embedded system</b> involving low level bit hacking, memory constraints, and manual colorspace conversions</li><li>▪ Numerous demos/proof of concepts</li></ul>
<b>EDUCATION</b>	<b>University of Utah</b> , Salt Lake City, Utah, USA <ul style="list-style-type: none"><li>▪ Honors Bachelor of Science Computer Science <span style="float: right;">Aug 2013 – Dec 2017</span><ul style="list-style-type: none"><li>• Upper Division Computer Science GPA: 3.81</li><li>• Cumulative GPA: 3.87</li></ul></li><li>▪ Bachelor of Science Mathematics <span style="float: right;">Aug 2013 – Dec 2017</span><ul style="list-style-type: none"><li>• Mathematics GPA: 3.97</li></ul></li></ul>
<b>ACADEMIC AWARDS</b>	University of Utah Dean's List every semester DaVinci Academy Class of 2013 Valedictorian <span style="float: right;">2013</span> International Science and Engineering Fair (ISEF) Finalist <span style="float: right;">May 2012</span> For research in natural language processing.
<b>CAMPUS ACTIVITIES</b>	<b>Triangle Engineering and Science Fraternity</b> <span style="float: right;">Aug 2013 – Present</span> <ul style="list-style-type: none"><li>▪ Vice President <span style="float: right;">Dec 2014 – May 2015</span></li></ul> <b>Research and Entrepreneurship Development Club</b> <span style="float: right;">Aug 2014 – Present</span> <ul style="list-style-type: none"><li>▪ President <span style="float: right;">Dec 2014 – Present</span></li></ul> <b>FIRST Robotics Club</b> , DaVinci Academy <span style="float: right;">Aug 2009 – May 2013</span> <ul style="list-style-type: none"><li>▪ Team Captain <span style="float: right;">Aug 2012 – May 2013</span></li></ul>