

Sheyne Anderson

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SKILLS	Programming Languages: C Family, Python, Mathematica, Typescript, Java, C#, etc. Extensive experience with image processing , JNI/c++ , machine learning , scientific computing , low-level C , and mobile app development . Graphics, Web Design, Linux/UNIX shell, Git
EXPERIENCE	Sinap IDE (github.com/2graphic/sinap-ide): 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. Novacoast, Inc , Software Consulting Company May 2014 – Present <ul style="list-style-type: none">▪ Mobile app development: built apps for iOS and ported to Android▪ Machine learning with Tensorflow/Keras▪ Rebuilt the image processing pipeline on an embedded system involving low level bit hacking, memory constraints, and manual colorspace conversions▪ Numerous demos/proof of concepts
EDUCATION	University of Utah , Salt Lake City, Utah, USA <ul style="list-style-type: none">▪ Honors Bachelor of Science Computer Science Aug 2013 – Present<ul style="list-style-type: none">• Upper Division Computer Science GPA: 3.82• Cumulative GPA: 3.86▪ Bachelor of Science Mathematics Aug 2013 – Present<ul style="list-style-type: none">• Mathematics GPA: 3.96
ACADEMIC AWARDS	University of Utah Dean's List every semester 2013-Present DaVinci Academy Class of 2013 Valedictorian 2013 International Science and Engineering Fair (ISEF) Finalist May 2012 For research in natural language processing.
CAMPUS ACTIVITIES	Triangle Engineering and Science Fraternity Aug 2013 – Present <ul style="list-style-type: none">▪ Vice President Dec 2014 – May 2015 Research and Entrepreneurship Development Club Aug 2014 – Present <ul style="list-style-type: none">▪ President Dec 2014 – Present FIRST Robotics Club , DaVinci Academy Aug 2009 – May 2013 <ul style="list-style-type: none">▪ Team Captain Aug 2012 – May 2013