

# Kirk Easterson

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CONTACT INFORMATION	Graduate Student Stony Brook University 31 Beachview Place Ronkonkoma, NY 11779	<a href="mailto:kirk.easterson@gmail.com">kirk.easterson@gmail.com</a> <a href="http://kirk.easterson.com">kirk.easterson.com</a> <a href="https://linkedin.com/in/kirkeasterson">linkedin.com/in/kirkeasterson</a> <a href="https://github.com/kirkeasterson">github.com/kirkeasterson</a>
EDUCATION	<p><b>Stony Brook University</b>, Stony Brook, NY <b>August 2017 – present</b> Non-matriculated graduate student taking Computer Science and Math courses(Data Structures and Algorithms, Software Design, Advanced Java, Foundations of Computer Science, Finite Mathematical Structures, Linear Algebra, Physics)</p> <p><b>Massachusetts Institute of Technology</b>, Cambridge, MA <b>June 2016 – September 2016</b> Big Data and Social Analytics online course. Analyze user's mobile phone data using Python, R, Jupyter Notebooks, and AWS. Used to predict behavior of the end-user. Used R libraries ggplot2, randomforest, and RegTest.</p> <p><b>SUNY Fredonia</b>, Fredonia, NY <b>August 2012 – May 2015</b> B.A. in Music with specialization in Classical Performance</p>	
TECHNICAL SKILLS	<p><b>Languages:</b> Java, C, C++, Python, R, SQL, HTML, CSS, Javascript, Prolog, <math>\text{\LaTeX}</math>, Bash, SML, MIPS</p> <p><b>Software::</b> Git, Visual Studio, Android Studio, MySQL, AWS, Jupyter, Photoshop, Blender, VMware, Vim, Emacs, Tableau, Pro Tools</p>	
PROFESSIONAL EXPERIENCE	<p><b>Gentoo Linux</b> <b>May 2018 – Present</b> <i>Translator</i></p> <ul style="list-style-type: none"><li>Translated dozens of pages from the wiki and documentation into Norwegian and Swedish</li></ul> <p><b>Fire Rescue Systems</b>, Hauppauge, NY <b>May 2017 – August 2017</b> <i>Software Engineer Intern</i></p> <ul style="list-style-type: none"><li>Document C++ and Java for software and Android apps for management of local fire departments</li><li>Gained professional experience with Git and Visual Studio, also assisting with debugging and project planning</li></ul>	
PROJECTS	<p><b>Kale</b>, PLY <i>Custom Scripting Language</i></p> <ul style="list-style-type: none"><li>Wrote a scripting language to easily organize assignment deadlines</li><li>Uses PLY(Python Lex and Yacc)</li></ul> <p><b>Mimir</b>, JavaFX and SQL <i>University Records Application</i></p> <ul style="list-style-type: none"><li>An application built for a university to keep records of their students</li><li>Monitors student grades and course sequence</li><li>Use of custom built data structures(Linked Lists and Trees) and design Patterns(MVC and Factory)</li></ul> <p><b>Lyder Media Player</b>, JavaFX <i>Music Playlist Management</i></p> <ul style="list-style-type: none"><li>Create, edit, and delete playlists</li><li>Use of custom built data structures (Bags and HashMaps) and design Patterns(MVC and Observer)</li></ul> <p><b>MicroPad</b>, JavaFX <i>Simple Text Editor</i></p> <ul style="list-style-type: none"><li>Create and edit text files</li><li>Provides statistics about the document including word count, sentence count, and Flesch score</li></ul>	