

Kirk Easterson

CONTACT INFORMATION	Graduate Student Stony Brook University 31 Beachview Place Ronkonkoma, NY 11779	kirk.easterson@gmail.com kirkeasterson.com linkedin.com/in/kirkeasterson github.com/kirkeasterson
INTERESTS	Software Engineering, Algorithms, Data Science, Cyber Security, Machine Learning	
EDUCATION	<p>Stony Brook University, Stony Brook, NY August 2017 – present 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>Massachusetts Institute of Technology, Cambridge, MA June 2016 – September 2016 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>SUNY Fredonia, Fredonia, NY August 2012 – May 2015 B.A. in Applied Music</p>	
TECHNICAL SKILLS	<p>Languages: Java, C++, Python, R, SQL, HTML, CSS, Javascript, Prolog, L^AT_EX, Bash, SML, MIPS</p> <p>Software:: Git, Visual Studio, Android Studio, MySQL, AWS, Jupyter, VMware, Vim, Emacs, Tableau, Avid Pro Tools</p>	
PROFESSIONAL EXPERIENCE	<p>Fire Rescue Systems, Hauppauge, NY May 2017 – August 2017 <i>Software Engineer Intern</i></p> <ul style="list-style-type: none">• Document C++ and Java for software and Android apps for management of local fire departments• Gained professional experience with Git and Visual Studio, also assisting with debugging and project planning	
PROJECTS	<p>Mimir, JavaFX and SQL <i>University Records Application</i></p> <ul style="list-style-type: none">• An application built for a university to keep records of their students• Monitors student grades and course sequence• Use of custom built data structures(Linked Lists and Trees) and design Patterns(MVC and Factory) <p>Lyder Media Manager, JavaFX <i>Music Playlist Management</i></p> <ul style="list-style-type: none">• Create, edit, and delete playlists• Plays .mp3 files• Use of custom built data structures (Bags and HashMaps) and design Patterns(MVC and Observer) <p>MicroPad, JavaFX <i>Simple Text Editor</i></p> <ul style="list-style-type: none">• An interface to create and edit text files• Provides basic statistics about the document including word count, sentence count, and Flesch score	