

# Kirk Easterson

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## CONTACT INFORMATION

Graduate Student  
Stony Brook University  
31 Beachview Place  
Ronkonkoma, NY 11779

[kirk.easterson@gmail.com](mailto:kirk.easterson@gmail.com)  
[kirk.easterson.com](http://kirk.easterson.com)  
[linkedin.com/in/kirkeasterson](https://linkedin.com/in/kirkeasterson)  
[github.com/kirkeasterson](https://github.com/kirkeasterson)

## EDUCATION

**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)

**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.

**SUNY Fredonia**, Fredonia, NY **August 2012 – May 2015**  
B.A. in Music with specialization in Classical Performance

## TECHNICAL SKILLS

**Languages:** Java, C, C++, Python, R, SQL, HTML, CSS, Javascript, Prolog, L<sup>A</sup>T<sub>E</sub>X, Bash, SML, MIPS

**Software::** Git, Visual Studio, Android Studio, MySQL, AWS, Jupyter, Photoshop, Blender, VMware, Vim, Emacs, Tableau, Pro Tools

## PROFESSIONAL EXPERIENCE

**Gentoo Linux** **May 2018 – Present**  
*Translator*

- Translated dozens of pages from the wiki and documentation into Norwegian and Swedish

**Fire Rescue Systems**, Hauppauge, NY **May 2017 – August 2017**  
*Software Engineer Intern*

- 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

**Kale**, PLY  
*Custom Scripting Language*

- Wrote a scripting language to easily organize assignment deadlines
- Uses PLY(Python Lex and Yacc)

**Mimir**, JavaFX and SQL  
*University Records Application*

- 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)

**Lyder Media Player**, JavaFX  
*Music Playlist Management*

- Create, edit, and delete playlists
- Use of custom built data structures (Bags and HashMaps) and design Patterns(MVC and Observer)

**MicroPad**, JavaFX  
*Simple Text Editor*

- Create and edit text files
- Provides statistics about the document including word count, sentence count, and Flesch score