

Kirk Easterson

CONTACT INFORMATION

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EDUCATION

Stony Brook University, *Stony Brook, NY* **August 2017 – May 2020**
Non-matriculated graduate student taking Computer Science and Math courses(Data Structures and Algorithms, Software Design, Advanced Java, Probability Theory, System Architecture, Network Design, Database Design, Foundations of Computer Science, Finite Mathematical Structures, Linear Algebra, Physics)

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

MIT Certificate Course **June 2016 – September 2016**
Big Data and Social Analytics, 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.

PROFESSIONAL EXPERIENCE

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

The Paramount, *Huntington, NY* **May 2015 – Present**
Audio Engineer/Stage Manager

- Crafted a monitor mix for over 500 acts in a 1,500 seat venue
- Worked with artists such as Fergie, Nick Jonas, Meatloaf, Weird Al, and Judas Priest

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

SKILLS

Languages: Java, C, C++, Python, R, SQL, HTML, CSS, Javascript, Prolog, L^AT_EX, Bash, SML, MIPS
Software: Git, Visual Studio, Android Studio, MySQL, AWS, Jupyter, Photoshop, Blender, VMware, Vim, Emacs, Tableau, Pro Tools
Spoken Languages: Norwegian, Swedish