Kirk Easterson

CONTACT
INFORMATION

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EDUCATION

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

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 to predict location and communication habits

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, *Huntingtion, NY*   **May 2015 – Present**
Audio Engineer/Stage Manager
- Built a monitor mix for over 500 acts in a 1,500 seat venue
- Worked with artists such as Fergie, Joe Jonas, Meatloaf, Weird Al, and Train

The Town Pants   **May 2014 – August 2017**
Musician
- Toured across the US and Canada in a professional Irish folk band
- Have performed with artists such as Zac Brown, Cory Henry, and George Millar

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, LaTeX, Bash, SML, MIPS
Software: Git, Visual Studio, Android Studio, MySQL, AWS, Jupyter, Photoshop, Blender, VMware, Vim, Emacs, Tableau, Pro Tools
Spoken Languages: Norwegian, Swedish