

# Kirk Easterson

kirk.easterson@gmail.com  
kirkeasterson.com

---

## EDUCATION

### Stony Brook University

- Graduate Student
- Computer Science
- Applied Mathematics & Statistics

### Massachusetts's Institute of Technology

- Big Data & Social Analytics certificate course

### SUNY Fredonia

- Bachelor's Degree
- School of Music

## SKILLS

### Languages

- Java
- C++
- Python
- R
- SQL
- LaTeX
- Bash
- Prolog

### Software:

- Git
- Visual Code
- MySQL
- Vmware
- Emacs
- Avid ProTools
- GIMP

## EXPERIENCE

### Fire Rescue Systems

May – Aug 2017

Fire rescue and emergency dispatch software for Nassau and Suffolk County

#### Software Engineer Intern

- Reformatted and wrote documentation for C++ and Java
- Cleaned and analyzed large datasets to allow for more efficient data storage

### The Paramount

May 2015– Present

Premier live entertainment venue on Long Island

#### Stage Manager/Stagehand

- Designed and installed professional audio and lighting rig
- Managed over 200 shows to ensure a smooth show
- Have worked for artists such as Fergie, Rod Stewart, Weird Al, Judas Priest, and ZZ Top

### The Town Pants

May 2014– May 2017

Vancouver, BC based Celtic-folk band

#### Musician

- Performed in cities such as NYC, Waikiki, LA, Vancouver, Ontario, Dallas, and Nova Scotia
- Performed with artists such as Zac Brown, Cory Henry, and George Millar

## Projects

### Mimir

JavaFX, SQL

*University Records Application*

- Written in JavaFX, uses SQL for database to store information about the students

### Vi Clone

MIPS

*Vi Clone*

- Terminal application written in MIPS

### Python Clone

PLY (Python, Lex, Yacc)

*Python Clone*

- Written in PLY with Lex and Yacc