SEAN LUTZ

EDUCATION

University of Massachussets Amherst | *Sep 2015 - Dec 2018*

Bachelors of Science: *Computer Science and Mathematics double major, GPA 3.27*
***Selected Courses**- Visual Analytics, Advanced Linear Algebra, Software Engineering, Functional Programming, Intro to Entrepreneurship*

SKILLS

Proficient with: *Python, Java*
Experience with: *Bash, Scala, R, Spring Boot, SQL, C*
Misc: *Git, SVN, Windows, Linux, LaTeX.*

INDUSTRY

Liberty Mutual | *May 2017 - Aug 2017*

Software Engineering Intern

- Assisted transition to cloud by creating a spring boot dashboard app to monitor the health of multiple team applications being ran across many different environments
- Enabled and configured Netflix Eureka on multiple team applications
- Worked in an agile environment as a full team member
- Implemented software dev best practices such as test driven development, code reviews, and deployment plans

PROJECTS

Automated Homework Tracker

- Python program that retrieves, parses, and sends out a daily email with all existing online homework assignments, exams, and projects in the next week.
- Scrapes and parses the html of multiple websites for due dates, pulls exam and project dates from google calender.

Spotify Organizer

- Python program that automatically sorts and manages Spotify library.
- Creates a fixed-size FIFO queue for recent songs, archiving and sorting old songs into genre playlists, caching api calls for optimal performance

ACTIVITIES

Outing Club

Backcountry Trip Leader and Mentor.

- Organize and lead trips into back-country environments, working to foster a safe, fun, and inclusive group environment
- Train and mentor prospective leaders in both hard and soft skills by creating and running a combination of workshops and field training

Minutecode

Founder and Vice President

- Creating new student organization that makes and connects teams of student coders with charitable organizations that need CS work done
- Currently talking with potential clients, recruiting and interviewing CS students to be on first team, and creating an internal organizational structure

OTHER WORK

UNH Housing | *Summer 2015/2016*

Networked Systems Crew / Repair Crew

- Worked both independently and under direct supervision to repair dorm room furniture, install locks, and diagnose cable problems quickly, safely, and cost-effectively