Nathaniel Grebelsky

ngrebelsky@umass.edu • (508) 847-9856 • github.com/nategreb • linkedin.com/in/nathaniel-grebelsky/

EDUCATION

University of Massachusetts Amherst   **Exp. Graduation May 2023**
College of Information and Computer Sciences
- B.S. in Computer Science and Mathematics   GPA: 3.9
- Member of Commonwealth Honors College
- Relevant Coursework: Software Engineering, Algorithms, Data Structures and Algorithms, Programming Methodology, Systems Principles, Quantum Information Systems

PROFESSIONAL EXPERIENCE

Haemonetics   **Jun 2021 – Aug 2021**
Embedded Software Engineer Intern   *Remote/Boston*
- Flask, MySQL, TortoiseSVN, Squish, and Robot Framework
- Enhanced robotframework-historic (open-source) to fit business requirements
- Used Flask to retrieve and visualize test execution data which were displayed in leadership meetings
- Developed parsing scripts to retrieve and store data to provide greater context on test failures
- Wrote formal documentation for robotframework-historic
- Tested NexSys PCS plasmapheresis systems using Squish and Robot Framework

Aerosimple   **Jun 2020 – Feb 2021**
Software Engineer Intern   *Remote*
- AWS Lex, AWS CloudWatch, AWS Lambda, Docker, React, Sass, and Gitlab
- Redesigned the home page and implemented an AWS Lex bot that simplifies tasks by answering questions
- Restructured web pages that involved work orders, inspections, and more to parse bot created caches
- Refactored duplicated code and bad coding styles
- Fixed UI bugs that displayed data incorrectly based on dates

LANGUAGES AND TECHNOLOGIES

- Python, Java, JavaScript, Dart
- Flask, Flutter, Git, MySQL, Django, Docker

PROJECTS

Spotify Playlist Creator
- Flask, Flutter, and GitHub
- Cross platform application that allows users to create and save Spotify playlists based on input, and scrapes and updates a playlist based on r/HipHopHeads

College Reviews Website
- Django, Docker, GitHub, and MySQL
- Review and forum website that provides students with the ability to create reviews and posts on anything college-related such as dorms, classes, professors, food, and more

LEADERSHIP EXPERIENCE

- Community Engagement Lead for Google Developer Student Club
- Former captain of a high school soccer team
- Tutored math to 5 students in grades K-12