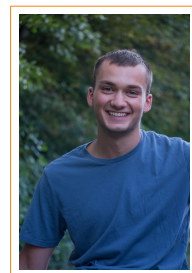


Kyle Provencal

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EDUCATION

University of Massachusetts Amherst
BS in Computer Science, GPA: 3.2/4.0

Amherst, MA
December 2021

EXPERIENCE

Herbarium Lab Assistant
University of Massachusetts

Amherst, MA
Sept 2019 - December 2020

- Imaged specimen, performed post-processing adjustments using Adobe Lightroom, georeferenced the recorded collection locality, and entered specimen data into Specify.
- Helped contribute to the collection of over 100 million digitized biological specimen.

Computer Lab Monitor
University of Southern Maine

Gorham, ME
Sept 2018 - May 2019

- Supervised the computer labs and installed software updates for the computers in the computer science building.
- Secured computer labs at the end of the night.

PROJECTS

Ethisim

Jan 2021 - May 2021

- Led DevOps team which was essential in integrating the work from other teams into a working, final product.
- Facilitated weekly stand-up meetings, organized weekly workflow, and provided general support to team members
- Initialized Apache server, created Docker containers for multiple services, and connected the containers on the server.
- Created automated tests for other teams to use when pushing changes to the GitHub repository

Curbhops

May 2020 - Aug 2020

- Managed a MongoDB database using MongoDB Atlas and created schemas using Mongoose.
- Created Express.js routes which ran on a Node.js server allowing the app to perform CRUD operations on the collections in the database.
- Developed unit tests using Postman to ensure the routes were finding the right data and it was being manipulated correctly.

ADDITIONAL

- Relevant Coursework: Data Structures and Algorithms, Software Engineering, Database Management, Intro to Computation, Intro to Algorithms, Search Engines, Operating Systems, Applications of NLP, Computer Networks, Algorithmic Fairness
- Programming Languages: Python, C++, Java, SQL, HTML/CSS, Javascript
- President of MSSM Rocketry Club (2018)
- Participated in UMASS CTF events in 2020 and 2021