

Jack M. Felag

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WORK EXPERIENCE

UVM Department of Computer Science

Burlington, VT – October 2016 - *Present*

Undergraduate Research Assistant:

I worked in a team of three on a crowd-sourced evolutionary robotics experiment to teach robots natural language. My duties including designing a front-end display to report real-time statistics about the project to our participants, and designing a website along with an automatic static-site updater for more information.

>> <https://tpr-uvm.github.io>

GZA GeoEnvironmental, Inc.

Providence, RI – May 2016 - August 2016

Environmental Engineering Intern:

At this internship, I had to collect groundwater and soil samples and have them transported to the lab.

Once the results came in, I needed to update reports on our new findings. I also monitored ambient air and soil-gas for dangerous gases, making sure the local environment and people were safe. Apart from that, I used GIS software to update maps for the CAD department, to ensure efficiency at our job sites.

>> Received OSHA HAZWOPER Training

UVM School of Engineering

Burlington, VT – October 2015 - December 2015

Teaching Assistant:

As a teaching assistant, I supervised a lab of 29 students using SolidWorks for ENGR 002: Graphical Communications. This involved showing students techniques in CAD, and helping them improve the basics of their engineering and design careers.

ACTIVITIES

Math Club (President) – May 2017 - *Present*

Intramural Volleyball – September 2015 - *Present*

EDUCATION

University of Vermont (UVM)

B. Sc.: Computer Science

B. Sc.: Mathematics

Minor in Physics

Expected May 2019

SKILLS

Python

Java

HTML

Bash

MySQL

Linux

Windows

SolidWorks

COURSEWORK

Evolutionary Robotics

Data Structures & Algorithms

Computability & Complexity

Computer Organization

Intro to Website Development

Computational Physics

Operating Systems

ONLINE

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