Machine Learning Internship

From: **Heidi Wegrzyn** | hew207@lehigh.edu   Wednesday, Aug 17, 10:25 AM

To: **cse-ugrad@cse.lehigh.edu**, **crsc-ugrad@cse.lehigh.edu**, **csb-ugrad@cse.lehigh.edu**

Hi,

I'm a current CSB student and I'm also the Co-Founder and CTO of a startup called [InfernoGuard](). We specialize in remote wildfire detection.

We are currently hiring Lehigh students for a machine learning internship.
Please see the attached flyer for more information.

Please apply through handshake: [app.joinhandshake.com/stu/jobs/6732189?ref=preview-header-click]()

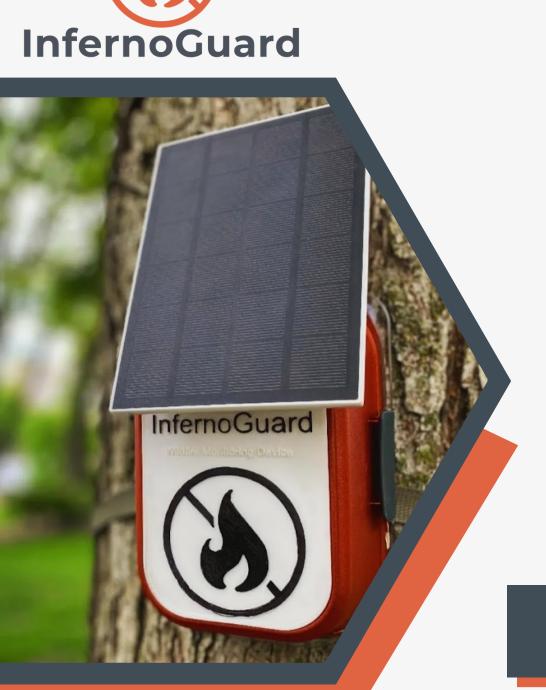If you have any questions you can email me at [zps224@lehigh.edu]().

Best,
Zoe Sherman
--
--
Heidi Wegrzyn '96, '24P
Academic Coordinator
Computer Science & Engineering Dept.
113 Research Drive
Bethlehem, PA 18015
610-758-3065

InfernoGuard

WE ARE HIRING

Data Science / Machine Learning Engineer Intern
Paid opportunities available

Application Form

InfernoGuard is working on further developing our wildfire risk assessment model. This model will predict where fires are most likely to start on a given plot of land. It takes various environmental factors into consideration.

Responsibilities:

- Develop an updated version of our current risk assessment model
- Read and implement current machine learning research papers in the application of fire detection
- Learn how to use GIS as a database
- Verify ML model with environmental researcher
- Create a backtesting framework for the ML model
- Add functionality to update ML model based on data collected from IOT devices

Requirements:

- Experience working on Data Science / Machine Learning Projects
- Algorithm and data structures design and analysis
- Knowledge and experience of Python3 Pandas, Numpy, and TensorFLow

Bonus Points:

- Experience with QGIS or other GIS software
- Knowledge of applications of optimization problems
- AWS Cloud experience

Apply Today

Looking for more info?
InfernoGuardUSA.com