Peter Murphy

💼 WORK EXPERIENCE

12/2018 – PRESENT
Coach
Major League Hacking
- Provide preliminary and on-site assistance to organizers by communicating my experience and advice regarding team leadership, resource management, and increasing community engagement
- Demonstrate MLH's standard of excellence at events hosting 200 - 1,500 participants whether that means #TakingOutTheTrash or resolving conflicts
- Promote inclusivity by engaging participants of all skill levels
- Represent the brands of MLH's partners by providing tips about their services including: Capital One, Google Cloud, MongoDB
- Empower hackers to create technical solutions via mentorship on topics ranging from general debugging to higher-level app development

04/2020 – PRESENT
Coach Lead
Major League Hacking
- Host 1:1 calls with other Coaches to strengthen MLH's internal support network, strategize for future endeavors, and answer questions about the goings on at MLH

06/2019 – PRESENT ◯ ALEXANDRIA, VIRGINIA
Part-time Software Engineer
Decipher Technology Studios
- Contribute to backend control-plane features, extending Envoy's service mesh API
- Research reinforcement learning techniques for the Grey Matter Sense team developing methods of stabilizing policy improvement for automated service scaling
- Contribute to an AutoEncoder-based Log Anomaly Detection service control

06/2020 – 08/2020 ◯ WASHINGTON, D.C.
Policy Intern
DCLRS
- Attended Congressional hearings and virtual conferences to report on agricultural, business, and healthcare interests
- Wrote memos highlighting research findings and legislative efforts pertaining to clients' interests

🎖 HONORS & AWARDS

07/2015
Eagle Scout
Boy Scouts of America
Earned the Bronze, Gold, and Silver Palms in addition to the highest rank of Eagle

06/2018
Valedictorian
Bishop Ireton Class of 2018

02/2020
MLH 2020 Top 50 Hacker
Major League Hacking
top.mlh.io/2020/profiles/peter-murphy
Selected from over 100,000 global hackers to share my story for Major League Hacking's Top 50 hackers of 2020 list.

👥 LEADERSHIP

Boy Scouts: Senior Patrol Leader
- Planned and led meetings for a troop of 50 Scouts for a year

Coding Club: Founder, President, Team Captain
- Planned, fundraised for, and co-directed Bishop Ireton's first hackathon

VTHacks: Director
- Helped plan Virginia Tech's 6th-8th annual hackathons

Bishop Ireton Honor Council: Executive Chairman
- Oversaw all hearings for students reported for honor violations

Virginia Tech Honor System: Panel Member
- Participate in student-run hearing for honor violations

🎓 EDUCATION

07/2018 – 12/2021 ◯ BLACKSBURG, VIRGINIA
Computer Science
Virginia Tech
Minor in Philosophy, Political Science, and Economics

07/2014 – 05/2018 ◯ ALEXANDRIA, VIRGINIA
Bishop Ireton High School

🔧 SKILLS

ⓘ TECH STACK

Linux (Ubuntu, CentOS)
Java
Python, Selenium, PyTorch
C
JavaScript, HTML & CSS
AWS, Google Cloud, k8s, Docker, Helm
Go
React.js

ⓘ NON-TECH STACK

Planning, Organization
Writing
Public Speaking

ⓘ GRAPHIC DESIGN

Adobe Photoshop
Blender
Adobe InDesign
Adobe Illustrator
Adobe Premiere

🔖 PROJECTS

📅 01/2020
PyTorch Basics
github.com/MurphyPone/PyTorch-basics
- A sandbox repository for implementing leading Reinforcement Learning algorithms.
- This repo was stood-up with the help of some colleagues and is intended to be as straightforward as possible with respect to the tools and workflow used by the Decipher Sense team

📅 08/2020
5-4 Podcast Website
fivefourpod.com
- Designed and maintain the website for the 5-4 legal podcast
- Purchased the domain, made the website, then messaged the hosts, subsequently hired as their web dev

📅 02/2020
Personal Website
https://murphypone.github.io
- Built a portfolio website for projects, designs, and events I'm involved in using gatsby.js

📅 01/2020
AECOM Call Tracker
github.com/MurphyPone/AECOM-CallTracker
- Built a web-scraping utility + website used at an AECOM hurricane relief call center in Ponce, Puerto Rico
- The application uses Python, Flask, and Selenium to pull records for a given time range from a 3rd party website and displays them on simple web page deployed on an EC2 instance for easy analysis of the call center's productivity that day

🔖 PROJECTS

📅 07/2020
DCLRS Brochure
github.com/MurphyPone/DCLRS/blob/master/DCLRS-bio-brochure.pdf
- Biographical brochure made in InDesign to showcase the executive staff of DCLRS as well as the firms services

📅 07/2019
Greymatter Installation
katacoda.com/decipher/scenarios/install-kubernetes
- A Katacoda scenario documenting the (deprecated) installation process for Greymatter
- The scenario guides the user through the process of setting up a Kubernetes cluster, installing helm and some associated dependencies, as well as the Greymatter product itself