Chloe Ciora

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EDUCATION

University of Pittsburgh - 3.7 GPA   *expected June 2021*
- Major in Computer Science; double minor in Mathematics and Linguistics
- Chancellor's Scholar with full scholarship and stipend

EXPERIENCE

Data Engineering Intern at Fidelity Investments: Cybersecurity Internal Threat   *May-Aug 2018*
- Provide analytics on project to block harmful web categories internally
  - Use PySpark and Hive Beeline with Hadoop on dataset of 7 billion web events
  - Discovered and reported on clusters of users whose business operations would be adversely affected by policy change
- Receive internal recognition by proactively creating inter-departmental documentation and step-by-step guides to interact with and use the internal Hadoop cluster for data science
- Lead initiative to create a new dev environment with repartitioned data specific to Internal Threat use cases, based on consultation with hadoop infrastructure team
- Engineer python scripts to automate data gathering process and workflow for Internal Threat escalation and monitoring procedures, improving team efficiency

Machine Learning Researcher for Litman Lab, University of Pittsburgh   *Dec 2017-April 2018*
- Built tool that consolidates NLP preprocessing tasks specific to essay feedback ML algorithms
- Created machine learning model to determine whether essays argue for or against a prompt with 91% accuracy

Data Structures Teaching Assistant - University of Pittsburgh   *Jan 2018-Current*
- Prepare and present recitations, provide targeted instruction, hold office hours

PROJECTS

PhotoGlot App - 2018 Pitt Mobile App Challenge (1st Place)   *Jan-May 2018*
- Created app to directly translate an image into a foreign language, increasing language-learning efficiency
- Engineered back-end in python to link existing computer vision and machine translation algorithms

NeuroLog Webapp - Conceptualized at Kent State Hack Enough (2nd Place)   *Oct-Dec 2017*
- Co-designed application to provide patients health status to psychologists outside of appointments
- Built framework to process and draw conclusions from patient diary logs using Watson BlueMix NLP, python Flask, and statistical methods

OTHER ACTIVITIES

WiCS Outreach Coordinator and WiCStart Instructor (Week-long camp for freshman CS students at Pitt)
PyLing (Python Linguistics Club) Active Member

SKILLS

languages:
- advanced: Python, Java
- experience: C

other technical skills:
- advanced: object oriented programming
- experience: Hadoop, Spark (PySpark)