Christina Lino

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EDUCATION

Rensselaer Polytechnic Institute | Troy, NY ⟶ Aug. 2018 – May 2022
B.S. Cognitive Science, Minor Computer Science

TECHNICAL SKILLS

Languages: C/C++, Python, R, Arduino, HTML/CSS, Matlab
Developer Tools: Git, Docker, VS Code, Visual Studio, Eclipse, PsychoPy, GDB, JUnit, Simulink
Libraries: BeautifulSoup, unittest, pandas, tidyverse, ggplot

RELEVANT COURSEWORK

Computer Science: Introduction to Algorithms, Social Computing, Open Source Software, Software Design & Documentation, Rensselaer Center for Open Source
Neuroscience: From Neuron to Behavior, Behavioral Neuroscience, Cognition and the Brain, Intro to Cell & Molec Bio

EXPERIENCE

Intern, National Center for Adaptive Neurotechnologies | *Python, C/C++* ⟶ Sep. 2020 – Dec. 2020
- Developed black box unit testing framework for DataFlow, an inter-process communication library
- Advised supervisor on appropriate software design of internal command structure
- Learned about operating systems and file systems through hands-on experience

Research Assistant, Relyea Lab | *R* ⟶ Jan. 2020 – May 2020
- Processed dataset of physical, chemical, and biological measurements in Adirondack lakes with tidyverse
- Modeled data with generalized additive models
- Used ggplot to analyze the effects of climate change on lakes recovering from acidification

Research Assistant, Adaptive Computational Cognition Lab | *Python* ⟶ Nov. 2018 – Dec. 2019
- Wrote script to read data from Arduino microprocessor and communicate with PsychoPy
- Developed visual working memory test in Python to analyze learning capacity of participants
- Assembled and maintained 3D motion capture technology

PROJECTS

Microshark | *JavaScript, HTML, Python* ⟶ Sep. 2021 - Present
- Progressive web application that scans items and identifies the presence of microplastics
- Managed end-to-end program delivery
- Created project documentation and strategy plans

Buoy | *Python, Matlab* ⟶ Sep. 2020 – Present
- Plugin for EEGLAB signal processing environment that detects sleep-dependent brain waves
- Applies independent component analysis to several data files
- Currently refactoring in Python

LEADERSHIP

Treasurer for Association for Computing Machinery-Women (ACM-W), RPI ⟶ Jan. 2020 – Dec. 2020
- Managed chapter finances, including handling donations, budgets, and reimbursements
- Worked with other executive board members to organize events for chapter members and the RPI community
- Collaborated with other CS club officers to develop and present informative workshops