Zachary Taira

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EXPERIENCE

Software Engineer Co-op
Boston, MA
IBM Resilient
Jan - July 2017

- Wrote and tested a test harness to verify IBM Resilient's command-line output
- Storyboarded, wrote, and tested a prototype Chrome extension for highlighting Indicators of Compromise in IBM Resilient Incident Response Platform
- Helped rewrite front-end code from CoffeeScript to TypeScript while ensuring no regression bugs were introduced

Sales Engineer Co-op
Boston, MA
Resilient Systems
Jan - July 2016

- Ran technical presentations for numerous Fortune 500 and countless smaller companies in order to accelerate the B2B sales cycle
- Built custom scripts to demonstrate functionality of Resilient Systems Incident Response Platform for current and prospective customers

Undergraduate Research Assistant
Boston, MA
SMILE Labs, Northeastern University
Jan 2015 - Jan 2016

- Helped build the largest public kinship image dataset to date (Families in the Wild), consisting of over 13,000 family photos and 1,000 unique family trees
- Delegated tasks to fellow students to ensure image collection standards and deadlines were met
- Composed Python scripts to compile dataset statistics in order to provide up-to-date progress reports

Orientation Leader
Boston, MA
Northeastern University
May - Sept 2015

- Led icebreakers and teambuilding activities for student orientation groups and university guests in order to create an atmosphere of inclusivity and support
- Worked efficiently alongside a team of 35 peers and graduate students to ensure logistical aspects of orientation ran smoothly

PROJECTS

ztaira14.github.io: A website built with React to provide convenient access to personal projects

bsmsViz: A visualization of Northeastern's BS/MS program interdependencies using D3

SOFTWARE SKILLS

Languages: Python, HTML/CSS/JS, MATLAB, Go, C++, bash, LaTeX

Technologies: Django, DRF, Jupyter, React, Vue

EDUCATION

Northeastern University
Boston, MA
BS/MS in Electrical and Computer Engineering
May 2019
Honors: Eta Kappa Nu, Dean's List
GPA: 3.735

Relevant Coursework:

Machine Learning/Pattern Recognition	Data Mining Techniques	Computer Vision
Computer Networks	Adv. in Deep Learning	Software Security
Engineering Algorithms	Probability and Statistics	Software Engineering

RECREATIONAL ACTIVITIES

Interpersonal: Soccer, rock climbing, sailing, martial arts, cooking

Solo: Reading, windsurfing, yoyoing