

# Zachary Taira

github.com/ztaira14

Email : zach.taira@gmail.com

Mobile : +1-808-238-9713

## EXPERIENCE

---

### Software Engineer Co-op

*IBM Resilient*

Boston, MA

*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
- Migrated production front-end code from CoffeeScript to TypeScript while ensuring no regression bugs were introduced

### Sales Engineer Co-op

*Resilient Systems*

Boston, MA

*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

*SMILE Labs, Northeastern University*

Boston, MA

*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

*Northeastern University*

Boston, MA

*May - Sept 2015*

- Led icebreakers and teambuilding activities for thousands of incoming students and university guests
- Facilitated conversations about transition issues while maintaining an inclusive, supportive atmosphere
- Managed setup, preparation, and teardown-related duties 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

**zachsdjangoexperiments.com:** A collection of experimental Django apps, hosted on Heroku

## SOFTWARE SKILLS

---

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

**Technologies:** Django, DRF, Jupyter, React, Vue

## EDUCATION

---

### Northeastern University

*BS/MS in Electrical and Computer Engineering*

Boston, MA

*May 2019*

*Honors: Eta Kappa Nu, Dean's List*

*GPA: 3.689*

*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