

# Zachary Taira

github.com/ztaira

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## EXPERIENCE

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### 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

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

**ztaira.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

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

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

## EDUCATION

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### Northeastern University

*BS/MS in Electrical and Computer Engineering*

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

*Relevant Coursework:*

Machine Learning/Pattern Recognition

Computer Networks

Engineering Algorithms

Data Mining Techniques

Adv. in Deep Learning

Probability and Statistics

Computer Vision

Software Security

Software Engineering

Boston, MA

*May 2019*

*GPA: 3.689*

## RECREATIONAL ACTIVITIES

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

**Solo:** Reading, windsurfing, yoyoing