Zachary Taira

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EXPERIENCE

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

- **Python/Pytest/Bash**: Wrote and tested a modular, extensible framework to verify Resilient's CLI
- **HTML/CSS/JS (React)**: Storyboarded, wrote, and tested a prototype Chrome extension using React
- **Presales**: Went on-site with Account Executives to debug issues for potential customers

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

- **Python**: Built custom Resilient extensions for current and prospective customers under tight time and quality constraints
- **HTML/CSS/JS**: Set up a webpage with Resilient integration as part of a POC
- **Presales**: Ran technical demonstrations for numerous Fortune 500 and countless smaller companies in order to accelerate the B2B sales cycle

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

- **Leadership**: Led a team of 9 students in creating a familial image dataset for facial recognition by organizing deadlines and scheduling meetings (http://smile-fiw.weebly.com/)
- **Python**: Composed Python scripts to compile statistics for the dataset

Orientation Leader — Boston, MA
Northeastern University — *May - Sept 2015*

- **Team Building**: Led icebreakers and team bonding activities for 20-person student orientation groups and thousands of university guests in order to create an atmosphere of inclusivity and support
- **Teamwork**: Worked efficiently alongside a team of 35 peers and graduate students to ensure all aspects of orientation ran smoothly

PROJECTS

ztaira14.github.io: A website built with React to provide convenient access to side 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 and Pattern Recog.	Data Mining Techniques	Computer Vision
Fund. of Computer Networks	Adv. in Deep Learning	Software Security
Fund. of Engineering Algorithms	Probability and Statistics	Software Engineering

RECREATIONAL ACTIVITIES

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

Solo: Reading, windsurfing