Zachary Taira

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EDUCATION

Northeastern University — Boston, MA
BS/MS in Electrical and Computer Engineering — *May 2019*
- Honors: Eta Kappa Nu, Dean's List — *GPA: 3.698*

EXPERIENCE

Software Engineer — 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 — 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, C++, SQL, bash, MATLAB, LaTeX, Vimscript
Operating Systems: macOS, Linux

RELEVANT COURSEWORK

Machine Learning and Pattern Recognition	Data Mining Techniques
Fundamentals of Computer Networks	Software Engineering
Fundamentals of Engineering Algorithms	Software Security

RECREATIONAL ACTIVITIES

Interpersonal: Soccer, rock climbing, sailing, martial arts, cooking
Solo: Reading, windsurfing