

Zachary Taira

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EDUCATION

Northeastern University

BS/MS in Electrical and Computer Engineering

Honors: Eta Kappa Nu, Dean's List

Boston, MA

May 2019

GPA: 3.735

EXPERIENCE

Software Engineer

IBM Resilient

Boston, MA

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

Resilient Systems

Boston, MA

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

SMILE Labs, Northeastern University

Boston, MA

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

Northeastern University

Boston, MA

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

Fundamentals of Computer Networks

Fundamentals of Engineering Algorithms

Data Mining Techniques

Software Engineering

Software Security

RECREATIONAL ACTIVITIES

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

Solo: Reading, windsurfing