

Zachary Taira

github.com/ztaira14

Email : zach.taira@gmail.com

Mobile : +1-808-238-9713

EDUCATION

Northeastern University

Boston, MA

- *BS/MS in Electrical and Computer Engineering*
 - Honors: Eta Kappa Nu, Dean's List

May 2019

GPA: 3.698

RELEVANT COURSEWORK

Machine Learning and Pattern Recognition

Computational Methods for Data Analytics

Intro to Software Security

Fundamentals of Engineering Algorithms

Fundamentals of Computer Engineering

Fundamentals of Computer Networks

EXPERIENCE

Software Engineer

Boston, MA

- *IBM Resilient*

Jan - July 2017

- **Python/Pytest/Bash:** Wrote and tested a modular, extensible testing 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 and remove roadblocks 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 — Worked with Sales, Sales Engineering, and Professional Services to set and fulfill POC criteria
- **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 consistently 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 database for facial recognition by organizing deadlines, scheduling meetings, and personally contributing over 1500 images — (<http://smile-fiw.weebly.com/>)
- **Python:** Parsed through and compiled statistics for the database using Python

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 the 3-day orientation cycles ran smoothly

PROJECTS

- **ztaira14.github.io:** A website created with React to provide convenient access to all my side projects
- **bsmsViz:** A visualization of Northeastern's BS/MS program interdependencies using D3
- **flappy_term:** An ASCII flappy bird game created with ncurses and C++

SOFTWARE SKILLS

- **Languages:** Python, HTML/CSS/JS, C++, SQL, bash, MATLAB, LaTeX, Vimscript
- **Operating Systems:** macOS, Linux

RECREATIONAL ACTIVITIES

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