

# Zachary Taira

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#6269

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## Northeastern University

**Boston, MA**

*Bachelor of Science in Electrical Engineering, 3.596/4.0 GPA*

*May 2019*

### Relevant Courses:

Embedded Design

Calculus 3

Fund. of Network

Engineering Mechanics

Linear Alg/Diff Equations

Fund. of Linear Systems

Engineering Prob. Solving

Probability and Statistics

Fund. of Electronics

Circuits and Signals: Biomedical Applications

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## Work Experience

### Sales Engineering Co-op, Resilient, an IBM Company

**Jan 2016~July 2016**

- Provided technical expertise on sales calls with regional Account Executives
- Worked with the Account Executive, Sales Engineering, and Customer Success teams to develop integrations for potential and current Resilient customers in Python
- Gained exposure to various IR management processes and technologies, including Resilient, QRadar, Arcsight, Splunk, Cuckoo Sandbox

### Mechanical Engineering TA, Northeastern University

**Sept 2015~Jan 2016**

- Looked through student work and compiled data for five class sections using Excel

### Undergraduate Research Assistant, Northeastern SMILE Lab

**Jan 2015~Jan 2016**

- Led a team of 9 students in creating an familial image database for facial analysis by organizing data collection deadlines and scheduling meetings
  - Over 630 unique families and 6000 images
- Personally contributed over 1500 images
- Parsed through and compiled statistics for the database using Python

### Orientation Leader, Northeastern University

**Summer 2015**

- Facilitated multiple icebreakers and team bonding activities for 5 unique student groups, leading to numerous personal thank-you notes from students
- Ran information sessions and guided tours for over 2800 students and their families
- Assisted coworkers by volunteering to help staff exceptionally busy student activities, lunch/dinner mingling off-duty, and moving supplies, resulting in increased satisfaction for orientation attendees and more efficient workflow for the orientation staff

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## Projects:

- Hack-A-Week: One new project every 7-14 days, in order to keep learning about various topics and refining my coding skills. Results are hosted on github, at <https://github.com/ztaira14?tab=repositories>

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## Skills:

Proficient in: C, C++, Python

Familiar with: Java, Arduino, Solidworks, AutoCAD, Circuit analysis, Robotics, PSpice, MATLAB