Zachary Taira

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Northeastern University   Boston, MA

Bachelor of Science in Electrical Engineering, 3.65/4.0 GPA   *May 2019*

Relevant Courses:

Fund. of Linear Systems	Fund. of Networks	Fund. of Electronics
Linear Alg/Diff Equations	Embedded Design	Probability and Statistics
Engineering Prob. Solving	Calculus 3	Engineering Mechanics
Circuits and Signals: Biomedical Applications		

Skills

- Languages: Python, C++, bash, MATLAB, HTML/CSS/JavaScript, SQLite, vimscript
- Operating systems: Linux, Mac OS X
- Technologies: git, Resilient, Solidworks, ArcSight, QRadar, Splunk

Projects

Hack-a-Week   **July 2016~Present**

- Create at least one new coding project every 7-14 days, in order to gain hands-on experience with various topics and polish my coding skills. Results are hosted at https://github.com/ztaira14

Gain Industry Knowledge   **Jan 2016~Present**

- Read at least three articles daily about interesting happenings in the tech industry, in order to better understand and recognize cutting-edge developments as they happen

Work Experience

Sales Engineering Co-op, Resilient, an IBM Company   **Jan~July 2016**

- Identified functionality gaps and built custom Python modules to improve the Sales Engineering team's demo environment for prospective customers
- Worked with the Account Executive, Sales Engineering, and Customer Success teams to develop Python integrations for current Resilient customers
- Created a Resilient API Examples GitLab repository to store and showcase said Python integrations
- Provided technical expertise on sales calls with regional Account Executives
- Ran meetings and wrote documentation to keep the SE team updated on my work

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
- Personally contributed over 1500 images out of over 630 unique families and 6000 images
- Parsed through and compiled statistics for the database using Python

Orientation Leader, Northeastern University   **Summer 2015**

- Worked efficiently alongside a team of 35 peers and graduate students to create an atmosphere of inclusivity and support for both new students and their families over 3-day orientation cycles
- Led numerous icebreakers and team bonding activities for 5 unique 20-person student groups
- Ran information sessions and guided tours for over 2800 university guests
- Volunteered cheerfully to help staff undermanned activities in order to improve new students' orientation experience