

Zachary Taira

WORK EXPERIENCE

JAN – JULY 2016

Resilient, an IBM Company

Sales Engineer

Built custom modules for current and prospective Resilient customers using Python. Team lead on building out Sales Engineering demo environment, ensuring its reliability, and demoing new functionality for Account Executives. Created Resilient API Examples GitLab repository to store and showcase said Python integrations. Ran meetings to keep the Sales Engineering team up to date.

JAN 2015 – JAN 2016

Northeastern SMILE Lab

Undergraduate Research Assistant

Led a team of 9 students in creating a familial image database for image recognition by organizing data collection deadlines and scheduling meetings. Personally contributed over 1500 out of 6000 total images. Parsed through and compiled statistics for the database using Python.

MAY – SEPT 2015

Northeastern University

Orientation Leader

Worked efficiently alongside a team of 35 peers and graduate students to foster an atmosphere of inclusivity and support for new students and their families over 3-day orientation cycles. Led numerous icebreakers and team bonding activities for 5 unique 20-person student groups and 2800 university guests. Volunteered cheerfully to help staff undermanned activities.

RELEVANT COURSEWORK

- | | |
|------|---|
| 2016 | Fundamentals of Linear Systems
Fundamentals of Electronics
Fundamentals of Networks
Advanced Writing |
| 2015 | Linear Algebra/Differential Equations
Circuits and Signals
Probability and Statistics
Embedded Design
Engineering Mechanics and Design
Engineering Problem Solving and Computation |
| 2014 | Calculus 3
Engineering Design |

✉	zach.taira@gmail.com
☎	(808)-238-9713
★	github.com/ztaira14
🌐	www.linkedin.com/in/zacharytaira

PROJECTS (ON GITHUB)

- | | |
|-----------|--|
| OCT 2016 | hub_where (Python)
<i>Hack-A-Week 11 and 12: Python scripts to gather and visualize data from Hubway's bike-sharing stations</i> |
| SEPT 2016 | evil_maid_suite (Python)
<i>Hack-A-Week 10: Data Visualization on the time I keylogged myself</i> |
| AUG 2016 | uku_tabs (C++)
<i>Hack-A-Week 6 and 7: A terminal-based guitar/ukulele tab management tool</i> |
| JULY 2016 | flappy_term (C++)
<i>Hack-A-Week 4: ASCII flappy bird clone using ncurses</i> |
| JULY 2016 | python_flow (C++)
<i>Hack-A-Week 2: A python flow visualizer in C++</i> |
| JULY 2016 | aes_python (Python)
<i>Hack-A-Week 1: An attempt at implementing the Advanced Encryption Standard in Python</i> |

EDUCATION

- | | |
|----------|--|
| MAY 2019 | Northeastern University
B.S. IN ELECTRICAL ENGINEERING
GPA: 3.65, DEAN'S LIST
Boston, MA |
| MAY 2014 | Punahou School
Honolulu, HI |

SOFTWARE SKILLS

- | | |
|--------------------|--|
| LANGUAGES: | Python, C++, bash, MATLAB, HTML, CSS, Javascript, SQLite, Vimscript, LaTeX |
| OPERATING SYSTEMS: | Linux, Mac OS X |
| TECHNOLOGIES: | git, Resilient, Solidworks, PSpice |