

KEVIN W. LEUNG

ALLSTON, MA 02134 | CELL: (617) 820-7845

KEVINLEUNG6@GMAIL.COM | GITHUB: [HTTPS://GITHUB.COM/KEVINWLEUNG](https://github.com/KEVINWLEUNG)

EDUCATION

Boston Latin School (2007-2013)

Boston, MA

Boston University, College of Arts and Sciences (2013 - 2017)

Boston, MA

B.A. in Computer Science, Minor in Korean

SKILLS

Programming: Python, Java, R, C, MATLAB, HTML/CSS, ReactNative (Very Basic), Haskell (Very Basic)

Language: English (Fluent), Korean (Advanced), Japanese (Proficient), Cantonese / Mandarin Chinese (Heritage)

Other: Microsoft Word, Excel, PowerPoint, Audacity, Adobe Photoshop

PROJECTS

Individual Project - Hanzi Converter

Jul. 2018

Boston, MA

- Created a simple but useful program via Python which converts Chinese characters to their respective readings in Mandarin, Cantonese, Hangeul (Korean), Japanese (Onyomi and Kunyomi) & Vietnamese
- (View at: <https://github.com/kevinwleung/Hanzi-Converter>)

BU Data Mechanics Project – Crime in Boston

Sep. 2016 – Dec. 2016

Boston, MA

- Evaluated crime incidences in Boston through statistical analysis and constraint satisfaction using City of Boston datasets, MongoDB & Python. Created a map visualization of the crimes using HTML and Leaflet
- Analyzed variables such as locations of Boston Public District Stations and liquor stores, and the times/locations of crimes, to observe impact of aforementioned factors on crime in Boston
- (View at: <https://github.com/kevinwleung/Data-Mechanics-Project>)

BU Computational Audio Project – Vowel Analysis

Apr. 2016 – May. 2016

Boston, MA

- Coded a Python program which differentiates the eight different Standard English Vowel Sounds by analyzing the peaks of the frequency spectrum of data loaded from a .wav file of a vocal sound
- (View at: <https://github.com/kevinwleung/CS591-Vowel-Analysis-Project>)

BU Software Engineering Group Project – CarePax

Sep. 2015 – Dec. 2015

Boston, MA

- Helped code website: CarePax which simulates transactions in which customers can buy products from inventory-filled cars that drive to the customer (View at: <https://carepax.herokuapp.com/>)
- Created Ruby models, UML diagrams, Use Cases and mainly responsible for back-end

CLASSES

- | | | |
|------------------------|---------------------------|---------------------------------|
| • Software Engineering | • Computer Systems | • Composition through |
| • Data Mechanics | • Data Structures | Korean Media |
| • Network Security | • Adv. Korean Translation | • 3 rd Year Japanese |
| • Computational Audio | | |

WORK EXPERIENCE

Boston University Computer Science Department

Jan. 2017 – May 2017

Boston, MA

Grader for Computational Audio (CS591)

- Assisted CS Professor grade biweekly over 50 programming assignments coded in Python by testing code and theoretical math problems (complex numbers, sinusoids, calculating Nyquist Limits, etc.)

Boston University Gifts & Alumni Records

Jun. 2015 – May 2017

Boston, MA

Data Entry Assistant

- Researched about BU constituents using BBEC database, Alumni Finder and Obituary Data

State Street Corporation

Jul. 2013 – Aug. 2013

Boston, MA

Cash Team Intern

- Utilized fund databases to fill in allocation and cash sheets for American Beacon & Calvert funds
- Navigated through various systems to book time deposits, sweep funds, settle funds, refresh and save cash lists, book allocations

State Street Corporation

Jul. 2012 – Aug. 2012

Quincy, MA

Account Openings and Market Entrance Intern

- Processed and audited account openings, account closings, name changes and cash files