Kevin Wang

EDUCATION

BRANDIES UNIVERSITY

B.A Computer Science and Business
Expected May 2018 | Waltham, MA
Cum. GPA: 3.33
Dean's List

LINKS & CONTACT

Github: kwang30
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COURSEWORK

Intro Java Programming, Advanced Java Programming, Data Structures & Algorithms, Matlab Image Processing, Discrete Math, Probability & Statistics, **Database Management Systems, Operating Systems, Software Engineering, Capstone Project** , Human Computer Interaction(User Interfaces)

TECHNICAL SKILLS

Java • SQL • Matlab • Ruby • Python • C • HTML • CSS • JavaScript • VBA

LEADERSHIP

COMPUTER SCIENCE CLUB, MEMBER

Aug 2014 – Current
• Organize and attend events relating to hackathons, data analytics, and software/web development

SOUTH EAST ASIA CLUB, TREASURER

Jan 2016 – Current
• Update Club Financial data with university database to track accurate club revenue and expense accounts.
• Manage an annual $10,000+ annual budget, fund raising efforts, and negotiations with the club

JADED LITERARY MAGAZINE, TREASURER&EDITOR

Aug 2015 – Current
• Organize a $6,000 annual budget to magazine publications and events
• Manage roll out of magazine publications, finalizing content and layout, recruiting art submissions

EXPERIENCE

BROWN BROTHERS HARRIMAN | Quality Assurance Intern

June 2014 – Sep 2014 | Bosotn, MA
- Collaborated with managers and developers to translate business requirements into test cases and scripts
- Developed SQL queries and scripts to validate database information on test case results for regression testing on essential database tools and applications.
- Synthesized and created new datasets for data analytics and business intelligence reports.

PEARSON HAM CONSULTING | Data Analyst Intern

July 2016 – Aug 2016 | London, UK
- Created and designed dashboard an automated dashboard to monitor pricing models using SQL,VBA, and JavaScript.
- Developed VBA Scripts with Google Maps API to translate geospatial data into city names for data analysis.
- Synthesized and created new datasets for data analytics and business intelligence reports.

NEW YORK STATE ASSEMBLY | Legislative Intern

June 2014 – Sep 2014 | Bosotn, MA
- Conducted research on various topics to assist the Assemblyman in developing policies and legislation for his constituents.
- Interacted with constituents about their concerns on a daily basis using a variety of communication formats.
- Communicated with government officials and small businesses about proposed legislation and policies.

PROJECTS

BRANDEIS WEB DEVELOPER | Sept 2017-Current

- Developing a web application using Ruby, Rails, JS, HTML, CSS, and other web frameworks

UNIX EMULATOR | Sept 2017-Current

- Developing a Unix-like shell with multi-threaded programming techniques, to achieve concurrent and asynchronous commands and pipeline-like input/output redirections.
- Designing a simulation of UNIX File System that provided a standard seek/read/write interface

TWITTER BOT | Sept 2017-Current

- Developing Twitter Bot in python to generate tweets based on Reddit posts using Markov Chains. Key expressions are selected and tweeted.

DATABASE INTERFACE AND B+ TREE | March 2017-May 2017

- Implemented B+ Tree in Java for database indexing, insertion, deletion, search, redistribution, combination.
- Implemented a PostgreSQL database interface using JDBC to support data visualization with Gnuplot, Graphviz and LaTex APIs. Designed integrity constraints and triggers to maintain the database.

SIGNAL PROCESSING ANALYTICS | Feb 2015 - May 2015

- Implemented auditory algorithms to extract tempo, beat, and key of songs using the signal processing toolbox in MATALB by conducting frequency envelope extraction, peak picking, and audio filtering.
- Conducted customer analytics of listening patterns using the statistical analysis toolbox of various songs.