JIN YOUNG (ALEX) BANG

610 Beacon St, Room 434 B-1
Boston, MA, 02215

857-991-6719
jybang@bu.edu

http://jinyoungbang.com   https://www.linkedin.com/in/jinyoungbang/   https://github.com/jinyoungbang

EDUCATION

Boston University, College of Arts and Sciences | Boston, MA   **Expected May 2022**

B.A. Computer Science | GPA: 3.83
- Trustee Scholar: Full Tuition Merit Scholarship (awarded to ~20 incoming freshman)
- Honors: Dean's List (Fall 2018, Spring 2019)
- Relevant Coursework: Introduction to Computer Science, Data Structures, Combinatoric Structures, Geometric Algorithms

PROJECTS

Tripster   **February 2019 - April 2019**
- Built web application through React.js, Node.js, MongoDB to display a road trip plan using Yelp and Google Maps API
- Developed road trip path finder algorithm where it displays how to get to a destination even with modification of additional data inputs made by user
- Designed front-end of application using Open Source CSS Framework, Bulma

Spotiface   **February 2019 - March 2019**
- Connected Microsoft Azure Face Detection API and Spotify API to return a song based on current mood through the photo taken
- Incorporated OpenCV's webcam source code (Python) for facial recognition

Down to Dine   **February 2019**

HackNYU 2019 | Finance Empowerment Track Winner
- Constructed restaurant searching algorithm formed on user input location and budget
- Utilized Google Maps, Google Geocode and Zomato API, and further devised API request/response to return personalized result for user
- Deployed Flask web application on EC2 instance through Amazon Web Services (AWS)

Gif Me The Weather   **November 2018**
- Created a function to display a corresnponding GIF based on the user input (location)
- Linked API request/response from Openweathermap API to return temperature of location and GIPHY API to return a GIF
- Wireframed front-end of the project using HTML and CSS, and combined it with back-end to the UI

ACTIVITIES & LEADERSHIP

BostonHacks | Technology Team   **March 2019 - Present**
- Currently in charge of development of Project Flash, a python script that automatically deploys Full Stack projects in EC2 and S3

Phi Chi Theta - Zeta Chapter | Technology Team   **December 2018 - Present**
- Developed projects and applications (Tripster, Spotiface) to emphasize and improve team work and collaborative skills by doing collaborative code reviews and pair programming
- Hosted mini hackathon events, and also created technology-related workshops within the organization to emphasize the efficient use of technology in today's world
- Learned how to use new technology skillsets, tools, and relevant frameworks

Bali Mathematics Competition (BMC) | Head Organizer   **August 2010 - January 2018**
- Hosted, planned and organized 7th and 8th Annual Bali Mathematics Competition
- Increased participants by over 540% from the 6th Annual BMC to 8th Annual BMC from all over Indonesia
- Handled $1000 budget for promotional items, certificates, prizes, etc

AWARDS

- South East Asian Mathematics Competition: Individual Round 27th Place   **March 2017**
- Singapore International Math Olympiad Challenge: Maths Warrior Challenge 1st Place   **August 2016**
- South East Asian Mathematics Competition: Online Team Round 1st Place   **March 2012**

VOLUNTEERING

EOTC Salt Farming | Web Development   **August 2016 - December 2017**
- Built a temporary salt business selling products from a local village, earning $270 in a week
- Taught students how to use Wordpress, supervised the process, and deployed the website
- Helped local villagers with the salt farming process

SKILLS

Languages and Frameworks/Tools: Python, Java, Javascript, HTML/CSS, Flask, React.js, AWS (EC2, S3), Git