

Education

Boston University | Boston, MA

B.A. Computer Science | GPA: 3.65 | Class of 2022

- Trustee Scholar: Full Tuition Merit Scholarship (awarded to ~20 incoming freshman)
- Dean's List (Fall 2018)
- Relevant Coursework: Introduction to Computer Science, Data Structures, Combinatoric Structures, Geometric Algorithms

Skills

Programming Languages and Tools

- Python
- Java
- HTML/CSS
- JavaScript
- Flask
- AWS
- Git
- React.js
- Node.js

Projects

Tripster

February 2019 - Current

- Built web application through React.js and Node.js to display a road trip plan from Point A to Point B using Yelp and Google Maps API
- Collaborated with team members to develop road trip path finder algorithm depending on additional data inputs

Spotiface

February 2019 - Current

- Used OpenCV's webcam source code (Python) for facial recognition and thus constructed algorithm to take photos every 5 seconds
- Implemented Microsoft Azure Face Detection API and Spotify API to return a song based on your current mood through the photo taken

Down to Dine

February 2019

HackNYU 2019 | Finance Empowerment Track Winner

- Designed restaurant searching algorithm based on user input location and budget
- Utilized Google Maps, Google Geocode and Zomato API, and further devised API request/response to return specific outputs for user
- Deployed Flask web application on EC2 instance through AWS

Gif Me The Weather

November 2018

- Implemented API request/response from GIPHY and Openweathermap API through Flask and Python
- Designed front-end of the project using HTML and CSS, and combined it with back-end to the UI
- Created a function, where based on the user input and the GET request, a specific GIF would be returned on the website

Coll[A]ge

October 2018

- Developed a simplified stress calculator by utilizing a combination of HTML and JavaScript
- Undertook design planning of website and defined layout using HTML, CSS and Bootstrap

Activities

Phi Chi Theta - Zeta Chapter | Technology Team

December 2018 - Present

- Developing projects and applications (Tripster, Spotiface) to emphasize and improve team work and collaborative skills
- 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

BIS Math Club | Leader

August 2010 - January 2018

- Trained and prepared middle school students for local and international math competitions such as SEAMC, AMC, and SASMO
- Led Math Club team to achieve Bronze, Silver Award in SASMO, Certificate of Distinction (Top 20% among global participants) in AMC, and several individual team awards in other competitions

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 (SEAMC)

- Earned medal of honor for placing 27th in individual round out of around 100+ students (March 2017, Jakarta), and first place in online team question and second place in online team overall round (March 2012, Singapore)

Singapore International Math Olympiad Challenge (SIMOC)

August 2016

- Placed first place for Maths Warrior Challenge among ~80 teams

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