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EDUCATION

Boston University | Boston, MA   **Expected May 2022**
Bachelor of Arts in Computer Science | GPA: 3.83
- Awards & Honors: Trustee Scholar: Full Tuition Merit Scholarship, Dean's List (All semesters)
- Relevant Coursework: Introduction to Computer Science, Data Structures, Combinatoric Structures, Geometric Algorithms, Computer Systems, Probability in Computing

WORK EXPERIENCE

PT. Mass Rapid Transit Jakarta | Jakarta, Indonesia   **June 2019 - August 2019**
Software Engineering Intern
- Designed REST APIs for Knowledge Asset and Advanced Searching of Knowledge Management System (KMS), an internal tool dedicated to easily store, utilize, and retrieve knowledge, increasing efficiency in employee's workflow
- Implemented Login Authentication Backend, an authentication service that validates whether if a user is available to access KMS' services, utilizing Node.js, bcrypt, JWT, Passport.js, Sequelize, and MySQL
- Integrated CRUD file system with taxonomy structure and validators to Knowledge Management System utilizing Node.js, Multer, Validation, Sequelize, and MySQL, making knowledge searching easier for users
- Re-designed and simplified existing UI for General Affair Asset System using React.js

PROJECTS

Tripster   **February 2019 - April 2019**
- Built road trip planning web app that recommends places to visit based on user input using Yelp and Google Maps API, MongoDB, Express.js, React.js, Node.js
- Developed path finder algorithm that accommodates additional user inputs for generating a road trip route
- Designed front-end of application using Open Source CSS Framework, Bulma, and React.js

Spotiface   **February 2019 - March 2019**
- Created web app that plays a song on Spotify based on your current mood detected by the webcam using Microsoft Azure Face Detection API, Spotify API, Python, Flask, and OpenCV
- 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 based off 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**
- Produced Flask micro web app which displays a corresponding GIF based on temperature of user input (location)
- Leveraged the Openweathermap API interface and GIPHY API to generate an animated picture that shows the temperature of a location
- 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**
- Created Project Flash, a python script that automatically deploys Full Stack projects in EC2 instance or S3 bucket
- Developed automation script that deploys static website to Amazon Web Services using S3 bucket through Python and Boto3 to decrease confusion for users unfamiliar with AWS

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

SKILLS

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