TIANLE DONG

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Available: May 2021 – Dec. 2021

EDUCATION

Northeastern University   **Boston, MA**
Khoury College of Computer Sciences
Master of Science in Computer Science   Sept. 2019 – Present
GPA 3.95 / 4.0   Expected Graduation: May 2022
Relative Course: Object-Oriented Design, Web Development, Algorithms, Intensive Foundations of Computer Science, Discrete Math and Data Structures, Database Management Systems, Fundamentals of Computer Networking & Computer System

Northeastern University   **Boston, MA**
Bachelor of Science in Leadership   May 2017 – May 2019
Honors/Awards: *summa cum laude,* GPA 3.92 / 4.0

Technical Knowledge

Languages:	C, Java, JavaScript, Python, TypeScript
Software and Tools:	Git, GitHub, Junit, IntelliJ IDEA, PyCharm, VS Code
Database:	PostgreSQL, MySQL, MongoDB
Web Technologies:	Angular, Bootstrap4, CSS3, Django, Express.js, Flask, jQuery, Heroku, HTML5, Node.js, React.js, Redux, RESTful API, Spring Boot

Projects

EONET   Jan. 2021
- Created an Earth observatory natural event tracker web app with **React, Google Maps API** and **NASA EONET API**
- Fetches natural event data (wildfire, cyclone, volcano & iceberg) and displays it on Google Maps, allowing users to click the event icons to get detailed information

Trip Planner   Sept. 2020 – Dec. 2020
- Developed a full-stack trip planning web app using **MERN** stack with **Google Maps API** and **Google Place API**
- Allows users to browse tourist attractions, plan trips, share plans and view other users' plans. Administrators can manage users' account by deleting and editing plans

Gino's Pizza   Jul. 2020 – Aug. 2020
- Designed a full-stack pizza website that handles online orders using **Python Django** framework with **HTML5**, **Heroku**, **CSS3**, **JavaScript**, **PostgreSQL**, **Bootstrap4** and **Stripe API**
- Allows users to browse the menu, add items to the cart, and make a purchase. Owners are able to add and update dynamic menu items, view orders and change order status using Django Admin UI

Book Reviews   Jun. 2020
- Built a full-stack book review website using **Python Flask** framework, **HTML5**, **Heroku**, **Bootstrap4**, **CSS3**, **PostgreSQL** that pulls real-time data from **Open Library API**
- Supports user sign in, sign up, search, comment and able to view comments, ratings and make a GET request to access the local API among 5,000 books

Easy Animator   Mar. 2020 – Apr. 2020
- Developed a **Java** application which follows **MVC** framework to create 2D animations in a team of two
- Designed a GUI by using **Java Swing** library for rendering animation according to input data and supports operations such as play, pause, resume, restart, loop, export file, open file and change speed

EXPERIENCE

Northeastern University Information Technology Services   **Boston, MA**
Instructional Assistant   Aug. 2020 – Present
- Assist professors with classroom technology and facilitate interactions with remote learners to ensure well-functioning classes
- Troubleshoot basic technical issues and communicate with A/V professionals for higher level needs