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| THANH NGUYEN  SOFTWARE ENGINEER | **Central Florida**  email4.png tnansci@gmail.com  phone8.png (617)412-8620  web17_1.png   linkedin.com/in/tnguyens  web17_1.png    github.com/TN-space  web17_1.png   tn-space.github.io |

**PROFILE**

Recent Master's graduate in Computer Science with a proven ability to learn quickly and excel in dynamic environments. Seeking a challenging role where I can continue to grow and contribute to innovative projects.

**EDUCATION**

**Master of Science in Computer Science**

**University of Illinois at Springfield | Illinois, IL** Graduated: July 2024

Cumulative GPA: 3.87/4.0

**Bachelor of Science in Animal Science**

**University of Massachusetts at Amherst | Amherst, MA** Graduated: May 2017

**TECHNOLOGY SKILLS**

**Programming Languages:** Java, JavaScript, HTML, CSS, Ruby on Rails, R Programming Language, Scheme

**Frameworks and libraries:** ReactJS, NodeJS, ExpressJS, Bootstrap, jQuery, Maven, Laravel PHP (basic), Django (basic)

**Databases:** SQL (PostgreSQL, MySQL…), MySQL Workbench, NoSQL (MongoDB, Firebase, HBase, Neo4j)

**Machine Learning and Artificial Intelligence:** Supervised and Unsupervised Learning, TensorFlow, Classification, Regression, SVM, tree, Cross-Validation, Neural Network

**IDEs:** Visual Studio Code, RStudio, IntelliJ, Eclipse IDE, Microsoft Visual Studio, Unity, Atom

**Operating Systems:** Linux (Ubuntu), Windows

**Version Control:** Git, GitHub

**Others:** RESTful, MVC design, Debugging, Agile Scrum, CI/CD, TDD, JSON

**Microsoft Office:** Microsoft Word, Microsoft Excel, Microsoft Outlook, Microsoft PowerPoint

**EXTRA TRAINING**

**TEKsystems, Boston, MA**

Certificate in Full Stack Java Development, Feb 2022 - May 2022

**General Assembly, Boston, MA**

Certificate in Full Stack JavaScript Development, Feb 2020 - May 2020

**PROJECTS**

**Queuing App | Class Project** July 2024 - Present

*Queuing app with two separate authorization levels (staff, and admin). Anyone can be added to the queue, no authentication is required. Authentication is required for staff and admin. A staff can check-in/complete/deactivate a username from the queue. An admin can reactivate a username (and can perform full CRUD on other staff – to be implemented in the future).*

* Purpose: to hone my JavaScript, and experience CouchDB.
* Tools: VSCode, CouchDB, NodeJS, ExpressJS, JavaScript, JSON…

**Restaurant Management | Class Project** July 2024

*Full CRUD (create, get, update, remove) restaurant management app.*

* Purpose: to hone my JavaScript, and experience CouchDB.
* Tools: VSCode, CouchDB, NodeJS, ExpressJS, JavaScript, JSON…

**Survival Island - 3D Game Development | Class Project** Feb 2024 – May 2024

*A first-person player wakes up on a deserted island, a series of tasks to light a fire to signal for help and keep warm at night.*

* Purpose: to learn 3D game development: collision detection, HUD…
* Tools: Unity

**Todo List | Full-stack Developer | Personal Project** Jan 2024 - Apr 2024

*A local Todo List where users can see, create, update, delete a task, and check if completed—one-to-many relationship.*

* Purpose: to learn Ruby Rails, Bootstrap, and PostgreSQL.
* Tools: Ruby Rails, HTML(erb standard), CSS, bootstrap, PostgreSQL database.

**Broker Platform | Full-stack Developer | Optum** Oct 2022 - Nov 2022

*A platform to connect brokers and consumers in the Healthcare Industry. Implemented PWA concepts.*

* Successfully created and implemented a PWA to easily connect consumers to brokers.
* PWA concepts implemented: offline mode, push notification/email reminder.
* Tools: JavaScript, ReactJS, react-router-dom, Axios, ExpressJS, NodeJS, ServiceWorker, MySQL.

**WORK EXPERIENCE**

**Full-Stack Developer**

**TEKsystems at Optum | Boston, MA** May 2022 - Nov 2022

* Developed and implemented a Progressive Web App (PWA) using JavaScript, ReactJS, and NodeJS to connect consumers with brokers in the healthcare industry.
* Collaborated with a team on agile sprints to refine ideas, build prototypes, and deliver projects.
* Contributed to improving traffic, conversion rates, and user education through innovative ideas.

**Interim Staffing Coordinator**

**Amazon | Stoughton, MA** Sep 2020 - Jan 2022

* Processed 20-90 candidates per day in shift selection, background check, and drug test.
* Extended contingent offers to candidates as part of Amazon's hiring process.
* Ensured supplies were stocked for the following events.

**OTHER EXPERIENCE**

**Peer Tutor and Troubleshooting Support**

* Provided one-on-one tutoring sessions in data structures, algorithms, and programming languages (Java, JavaScript).
* Assisted students with debugging code and resolving technical issues in their projects.
* Developed and shared resources, such as study guides and example problems, to facilitate independent learning.
* **Key Skills**:
  + Technical tutoring: experienced in explaining difficult concepts more simply.
  + Troubleshooting: skilled in identifying and resolving coding and technical issues.
  + Communication: the ability to communicate effectively with different stakeholders.

**LANGUAGES**

Fluently in Vietnamese and English.