

21 Cowles Ln, Apt 3  
Amherst, MA, 01002

**Keith Pham**  
(he/him/his)

(252) 327-6336  
[nghiapham@umass.edu](mailto:nghiapham@umass.edu)

## EDUCATION:

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**University of Massachusetts Amherst**  
*CICS Computer Science, Mathematics Minor*

Amherst, MA  
Sept 2019 – Dec 2022

- Cumulative GPA: 3.76/4.0

**Microsoft Azure Fundamentals**

Dec 2021

- Score: 820/1000

**Relevant Coursework:** Algorithms, Data Structures, Object Oriented Programming, Software Development, Web Programming, Data Management, Search Engines, Artificial Intelligence

## LANGUAGES AND TECHNOLOGIES:

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- Languages: **JavaScript** (TypeScript), C#, Java, **Python**, HTML, CSS, SQL
- Frameworks/Libraries: **Angular**, ASP.NET, **NodeJS**, Bootstrap
- Technologies: Git, **JUnit**, JSON Web Token, Azure Services, Heroku, Docker, **PostgreSQL**, REST API

## WORK EXPERIENCE:

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**Software Developer – TypeScript / C#**  
*FPT Software – IT Services*

Jun 2021 – Jul 2022

- Built Mobile Web Application UI using Angular, HTML, SCSS, Bootstrap CSS and Kendo UI
- Enhanced application's security by designing and implementing refresh token infrastructures; and Eliminating potential Cross Site Scripting attacks
- Automated a data acquisition process by developing a .NET Console Application; Utilized Regular Expression to extract metadata from USDA HTML pages
- Optimized a data retrieval process speed by 30% by replacing redundant SQL queries with a single query
- Increased Dev team's efficiency effort by 6.88% in the fourth quarter of 2021
- Collaborated with clients under **Agile** Methodology to design and improve UI/UX

## PROJECTS:

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**Echo – JavaScript**

Mar 2022 - May 2022

- Developed an online music player using React, ExpressJS, MySQL, and Heroku as a hosting service
- Deployed Jest and Jasmine as an automated testing suite following Black Box testing methodologies

**Search Engine – Python**

Jan 2022 - May 2022

- Developed a complete Search Engine consisting of text acquisition and transformation, index creation, ranking, and algorithm evaluation

**Online Shopping REST API - C#**

Oct 2021

- Led team of 3 developers to develop a web application API where user can create and track order status; Deployed application using ASP.NET, Entity Framework, Azure SQL
- Extensively utilized SignalR library (WebSockets) to group users for live functionalities
- Maintained and provided customer support throughout the app life cycle

**Online Dating App - JavaScript/C#**

May 2021 – Jun 2021

- Developed a social media application using Angular, ASP.NET, SignalR, **Entity Framework**, **SQLite** stack
- Incorporated Azure Computer Vision Microservice to expand app functionality and improve UX
- Cached JWT in Redis in-memory data structure for secured and high-speed data access

## Leadership:

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**Undergraduate Course Assistant**  
*University of Massachusetts Amherst*

Sept 2022 – Present

- Provide academic support and mentorship for undergraduates taking CS320 Web Development Course
- Collaborate with Teacher Assistants to host classes and discussions