

DILEEP SHAH

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Available: For Internship/ Co-op throughout Spring and Summer 2022.

EDUCATION

Northeastern University , Boston, MA	Jan 2021-Present
Khoury College of Computer Sciences	Expected graduation: Dec 2022
Master of Science in Computer Science	GPA: 4.0/4.0
Related courses: Programming Design Paradigm, Algorithms, Foundations of Artificial Intelligence.	

Rajiv Gandhi Proudhyogiki Vishwavidyalaya , Bhopal, India	July 2011-June 2015
Bachelor of Engineering in Electrical Engineering,	GPA: 8.11/10.0
Related courses: Object Oriented Programming, Java programming, C#.Net.	

TECHNICAL KNOWLEDGE

Languages:	Java, C#, Python, JavaScript.
Databases:	Oracle, SQL Server, MySQL, MongoDB.
Web technologies:	HTML, CSS, Angular, Bootstrap, React.js, Angular, Node.js, Spring, OAF.
Certifications:	Problem Solving – HackerRank, Crash Course on Python – Coursera, Build Your Own Chatbot – IBM.

WORK EXPERIENCE

Northeastern University, Boston.	May 2021-Present
Graduate Teaching Assistant	
<ul style="list-style-type: none">Lead and mentor student/s to understand and bolster object-oriented design and development concepts.Conduct office hours and code review meetings to help students understand design decisions, reason for selecting a particular design, and devise good design.	

Oracle India Pvt. Ltd., Hyderabad, India.	July 2018-Oct 2020
Applications Engineer	
<ul style="list-style-type: none">Revamped and remodeled concurrent programs to determine resources for a particular territory by recognizing, qualifying, and SQL tuning expensive SQL queries to expedite average process time by 50%, generating \$70 thousand yearly savings.Formulated and implemented cancel transaction features to cancel a transaction with one click, eliminating manual adjustments by assimilating with more than 10 customers and higher management and presenting ideas to resolve complications. Upgraded features lessened workaround time from a day to a few minutes, saving on average \$30 thousand yearly.Programmed new enhanced features to boost territory management module's performance, working closely with customers, product managers, and senior management.	

Infosys Ltd., Hyderabad, India.	Feb 2016-July 2018
Senior Systems Engineer	
<ul style="list-style-type: none">Delivered improved SSIS packages compared to some existing markets by implementing table lookups and merges, conserving average data load time from 10 hours to 2 hours for approximately ten million records, generating 1 million USD more yearly revenue.Transformed, Integrated, and engineered machine learning based micro-services for product recommendation page, boosting product sales twice by identifying individual customer's interests and recently viewed items producing approximately double profit.Supervised a newly formed development team to deliver route optimization application's modules framework using Java, Angular, and web services structure resulting in more prominent client satisfaction.	

PROJECTS

Image Processing Software	January 2021-May 2021
<ul style="list-style-type: none">Developed a secure image processing application incorporating an efficient design principle with reduced scope to manipulate code/data into application to facilitate image processing tasks such as blur, sharpen, pixilation, mosaic, and pattern generation.Incorporated advanced and optimal programming design concepts advancing code readability, modularity, and refactoring.	

INTERESTS/ACTIVITIES

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- Voluntarily Involved in Oracle NGO to donate blood, food, and clothes.
 - Captained cricket team and volunteered in Technical Festival organized at Undergrad College in year 2014.
 - Interested in trekking, travelling, and volunteering and community involvement.