

DEEP SHAH

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EDUCATION

Western University

Sep 2021 – Apr 2025

Bachelor of Science - **Computer Science** | Dean's List 2022-2023

London, ON, Canada

- **Relevant Courses:** Data Structures and Algorithms, Introduction to Software Engineering, Object-Oriented Design and Analysis, Databases I, Project Management for the Sciences

EXPERIENCE

Vidyard

Sep 2023 – Dec 2023

Software Developer Intern

Kitchener, ON, Canada

- Increased user retention by **20%** and reduced monthly frontend support tickets by **30**, by revamping the AI-generated video tool with **Vue.js** and **React**, advised by user feedback via **SurveyMonkey** to understand needs and pain points
- Improved test coverage on critical user-facing features by **60%**, by implementing effective backend testing using **Jest**
- Revitalized code readability and eliminated redundancies, leading to a more streamlined development process and saving **15 hours/week** in code maintenance and troubleshooting efforts, through strategic refactoring of the codebase

IPEX

May 2023 – Aug 2023

System Analyst Developer Intern

Oakville, ON, Canada

- Reduced downtime from **14%** to **2%** when managing file transfers and migrations to Lofware, by carrying out a file transfer service in **C#** using **.NET** to autonomously monitor product images on the Spectrum server
- Saved **20 hours/month** by replacing reliance on the external application, InfoFlo, and simplifying inventory management processes, through the production of an inventory adjustment system using **C#**, **.NET**, and **SQL**
- Refined precision of item-vendor mapping by **183** basis points on **ASP.NET**, by employing advanced analytics to identify and rectify inefficiencies in API Gateway interactions, thereby reducing missed promises

Project: Human City

Jan 2023 – Apr 2023

Product Manager Intern

Toronto, ON, Canada

- Grew mobile app's AR feature reliability by **40%** in pre-launch testing as measured by object/gesture detection performance, by guiding a cross-functional team using **Agile** methodologies, **Jira** for project tracking, and **Mixpanel** for **KPI** analysis
- Identified innovative features—real-time texture mapping, multi-user interaction, and gesture-based controls—expected to promote the product's market position, through a **SWOT** analysis and leveraging **Miro** for strategy development with Marketing and R&D teams
- Cut user onboarding setup time by **15 minutes** in launch anticipation, aiming to better initial UX and lower drop-off rates, by systematizing processes with **Six Sigma**, **Figma** for design refinement, and incorporating user feedback via **Qualtrics**
- Generated a projected usability rating of **4.5/5** and amplified user session length by **10 minutes** in pre-launch tests, by directing **A/B testing** for object placement optimization, exploiting **Google Analytics** for actionable insights and facilitating real-time team coordination with **Slack**

Western Developers Society

Oct 2022 – Mar 2023

Project Manager

London, ON, Canada

- Drove a **40%** growth in club membership by orchestrating the "Western Developers League" competition, managing end-to-end logistics for over **300** participants with **Microsoft Project** and **Trello**
- Elevated website speed and UX significantly by applying **Lean** principles for process efficiency and utilizing **Asana** for effective task management, resulting in quick and notable performance enhancements that progressed the club's online presence
- Boosted engagement by **95%** and condensed operations by pioneering custom Discord bots using **Scrum**, automating event notifications and member interactions for optimized community interaction

PROJECTS

Navigator

- Accelerated user ability to search and explore Western University's interior spaces by developing a **Java** application with the **Swing** GUI, applying **Kanban** methodologies and leveraging available maps
- Upgraded data exchange speed and interoperability between diverse systems using **JSON** to store map metadata locally
- Achieved **100%** test coverage by writing over **75** extensive unit and integration tests with **JUnit**

SKILLS

Languages: C++, CSS, HTML, Java, JavaScript, Python, SQL

Frameworks/Libraries: Jest, React, Vue.js

Tools: Asana, Bitbucket, Confluence, Eclipse, Figma, Git, GitHub, Google Analytics, Jira, Microsoft Project, Miro, Mixpanel, MySQL, Slack, SurveyMonkey, Trello, Unix, Visual Studio

Methodologies: Agile, DevOps, Kanban, Lean, Scrum, Six Sigma, SWOT, Waterfall