

# DHRUV BARAD

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## EDUCATION

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### University of Minnesota-Twin Cities

Bachelor of Science in Computer Science

September 2021 - May 2024

### North Hennepin Community College

Dean's list: Spring 2020, Fall 2020, Spring 2021

January 2020 - August 2021

## EMPLOYMENT

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### PearsonVUE, *Software Development Intern*, Bloomington, MN

June 2023 - Present

- Collaborated with a team of 6 developers to process over 15 user stories and defects weekly, actively contributing to the iterative development process following Agile and Scrum methodologies.
- Participated in daily stand-up meetings, providing progress updates and discussing roadblocks, cultivating effective communication and teamwork within the development team.
- Contributed to troubleshooting and debugging software issues, leading to a 25% decrease in overall software defects and enhancing the application's stability.

### University of Minnesota-Twin Cities, *Undergraduate TA*, Minneapolis, MN

January 2023 - May 2023

- Assisted with laboratory and discussion sections, providing students with hands-on learning experiences.
- Held office hours to answer student questions and provide additional support outside class.
- Completed grading of assignments and exams, ensuring fairness and accuracy.
- Demonstrated ability to communicate complex concepts to students effectively.

## SKILLS

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**LANGUAGES:** Python, Java, HTML, CSS, JavaScript, TypeScript, C/C++, C#, SQL

**LIBRARIES/Frameworks:** Node.js, Express.js, React.js, Bootstrap, TailwindCSS, Next.js, Flask, Numpy, Pandas, PySpark

**OTHER:** GitHub, Bitbucket, TeamCity, Docker, Waterfall, Agile, Scrum, Firebase, JUnit, Google Testing

## PROJECTS

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### ComicApp, *Personal Project*

- Developed a dynamic web application using **React** and **TypeScript** that interfaces with Marvel's and Star Wars comic API to retrieve and display detailed character information.
- Utilized **Node.js** and **Express.js** to create a backend service that handles API requests for data retrieval and responses.
- Link to project: [Comic App](#)

### Portfolio Website, *Personal Project*

- Developed a portfolio website using **React** and **Next.js** utilizing server-side rendering.
- Implemented a clean and minimalist design using **Tailwind CSS** to style components and ensure responsiveness efficiently.
- Successfully deployed and hosted the portfolio on **Vercel**, along with automated deployments through GitHub, ensuring real-time updates on the live website.
- Link to project: [Portfolio Website](#)

## RELEVANT COURSEWORK

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Data Structure and Algorithms, Software Engineering, Internet Programming, Web Development, Program Design & Development, Operating Systems, Machine Architecture and Organization, Database Systems, Data Mining, Discrete Structures