ARCHIT MANEK

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EDUCATION

Northeastern University, Khoury College of Computer Sciences **Boston, MA**
Master of Science in Computer Science   Expected Graduation: May 2022
Concentration: Software Engineering   GPA 3.7

Relevant Coursework: Foundations of Software Engineering, Database Management Systems, Object-Oriented Programming, Discrete & Data Structures, Algorithms, Data Management & Processing

Northeastern University, D'Amore-McKim School of Business **Boston, MA**
Bachelor of Science in Business Administration   May 2019
Concentration: Finance and Entrepreneurship   GPA: 3.53

TECHNICAL SKILLS

Programming Languages:	JavaScript, TypeScript, Java, Python, SQL
Libraries/Frameworks:	ReactJS, Node.js, Express.js, Bootstrap, HTML, CSS
Databases:	PostgreSQL, MySQL

PROJECTS

Face Detector – JavaScript, ReactJS, Node.js, PostgreSQL   *View Live | View Code*
- Developed a responsive web app that detects human faces using a machine learning API
- Implemented a register and login feature that stores data on PostgreSQL and deployed on Heroku

Portfolio Website – HTML, CSS, JavaScript   *View Live | View Code*
- Designed a responsive personal portfolio website featuring information about skills, background, and projects

Plagiarism Detector – TypeScript, ReactJS, Node.js, MySQL   *View Code*
- Developed an application, in a group of four, for instructors to detect similar student solutions by formulating an algorithm using Dice's coefficient for one language by identifying one or more behaviour-preserving transformations
- Applied agile methodologies consisting of biweekly sprints, git issues to distribute tasks, and Mocha Chai for testing

Easy Animator – Java   *View Code*
- Developed an object-oriented application to animate user defined shapes in a GUI built with JSwing for animation rendering using the model-view-controller framework
- Facilitated enhanced user functionality and built a comprehensive factory to support three view options

WORK EXPERIENCE

Northeastern University   **Boston, MA**
Teaching Assistant - Programming with Data   September 2020 – Present
- Strengthened course material understanding through weekly office hours and provided students with extra support in business practicums and assignment grading
- Provided one-on-one tutoring to multiple students and helped solidify their Python concepts

Groove.co   **San Francisco, CA**
Marketing/Customer Success Intern   September – December 2018
- Managed social media content for 3+ platforms, with a focus on increasing awareness and engagement
- Devised and implemented creative strategies to optimise website SEO and user engagement which led to an increase in impressions by 10x
- Supported customer success team debug software and responded to customer enquiries

LEADERSHIP EXPERIENCE

Sharpe – (FinTech Initiative at Northeastern University)   **Boston, MA**
Director of Marketing   September 2020 – Present
- Led logistics and operations for Sharpe events including liaising with presenters, communicating with participants, and coordinating resources for events including Blockchain, Payment Services, Robo-Advisors

SKILLS/INTERESTS

Languages: Fluent in Gujarati, Hindi and conversational in Chichewa
Interests: Reading (self-development & psychology), traveling, billiards and music