

MANAN PATEL

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Analytical Minded Individual with Well-Honed Skills in Software Development

EDUCATION

JUNE 2021

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, DEPAUL UNIVERSITY, IL

MINOR IN DATA SCIENCE

GPA: 3.745/4.000

COURSE WORK

DATA STRUCTURES, COMPUTER SYSTEMS, PYTHON FOR PROGRAMMERS, OBJECT-ORIENTED SOFTWARE DEVELOPMENT, ADVANCED DATA ANALYSIS, DESIGN ALGORITHMS, DATABASE SYSTEMS, PROGRAMING LANGUAGES CONCEPTS, PRACTICES OF GLOBAL SOFTWARE DEVELOPMENT

EXPERIENCE

SEPTEMBER 2020 - PRESENT

IT/SOFTWARE DEVELOPER INTERN, BLACKMORE PARTNERS INC., IL

- Mentored 3 new IT interns on the team on software and documentation best practices within the organization
- Worked alongside another developer to implement Applicant Tracking System in Python that enabled our CRM team to reduce the time spent manually analyzing resumes by 85%
- Provided remote IT support to both staff and interns on daily basis

PROJECTS

FEBRUARY 2021

MINIJAVA COMPILER DESIGN (JAVA ON ECLIPSE)

- Coded Lexical Analysis, Parser, Semantic Analysis, and Back End Translation for MiniJava
- Optimized it for a better performance

FEBRUARY 2021

VIDEO SHOP APPLICATION (JAVA ON ECLIPSE)

- Wrote an object-oriented program that simulates a rental video shop functionality
- Created the framework with the goal of being able to update the app without affecting the app
- Used multiple patterns such as command pattern, factory pattern, and builder pattern

NOVEMBER 2020

TASK MANAGEMENT WEB APPLICATION (FRAMER)

- Designed a working prototype for task management with peer-evaluation functionalities
- Designed a relational database for storing user information
- Used Agile methodology to manage the project

NOVEMBER 2020

TETRIS (C# ON VISUAL STUDIOS)

- Designed and implemented a version of the game Tetris
- Followed the partitioning pattern in a Global Software Development environment
- Performed unit tests to check the correctness of the methods

TECHNICAL SUMMARY

Languages: Java, C#, Python, C Programming, SQL and Database, Scala, HTML and CSS, JavaScript, PHP

Operating Systems: Linux, Windows 7/10, MAC OS X

Software: Microsoft Suits, Google Suits, Eclipse, Visual Studio, MS SQL, SAS, PowerBi, WordPress, Drupal