

Sailesh Thapa

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TECHNICAL SKILLS

Programming Python, C/C++, SQL, Java

Web & Design Django, React.js, HTML5/CSS3/JavaScript, Node.js

Knowledge of Git, Scrum, Object-Oriented design, Software Development Life Cycle, Algorithm & Data Structures

EDUCATION

Computer Science

University of Texas at Arlington

08/2018 – Present

GPA 3.7

Courses

- Intermediate Programming in C
- Algorithm and Data Structures
- Theory of Computation
- Object Oriented Programming in C++
- Operational Research
- Computer Networking
- Artificial Intelligence
- Operating System

PERSONAL PROJECTS

E-commerce Site (07/2020 – 07/2020) [🔗](#)

- Built a fully functional eCommerce website with user and guest checkout capabilities in Django.
- Developed guest user cart to allow guest user to shop without creating an account.
- Added PayPal Payment Integration to handle payments.

Blog App (05/2020 – 05/2020) [🔗](#)

- Built a blog application in Django that allows user to share information, stories, tutorials.
- Designed and developed the front end using HTML/CSS and handled REST APIs entry points.
- Implemented user authentication to allow authorized user to update and delete the blog post.

Connect Four (03/2020 – 03/2020)

- Built a board game in Python that allows user to play connect four against computer.
- Implemented MiniMax search algorithm to create a computer move against human player.
- Implemented Alpha-Beta pruning algorithm to speed up the search for best possible move.

Blackjack (02/2019 – 03/2019)

- Designed and developed card game in group of four using C++/GTK.
- Implemented client-server architecture to develop game functionality.
- Used practical approach to software development through analysis, design and implementation, documentation, testing and maintenance.