JUNSTIN REH

junstin345@gmail.com , (716)239-2511 , https://www.linkedin.com/in/junstin-r-2a7089227/

EDUCATION

Bachelor of Science in Computer Science, May 2024
University at Buffalo, The State University of New York

- Relevant coursework: Software Engineering, Introduction to Web Application, Introduction to Artificial Intelligence, Algorithm, Data Structures, System Programming, Computer Science II and Computer Science I.

PROJECT

Software Engineering, February 2022 - May 2023

- Cooperated with a team of four individuals and a project manager to develop Room8, a web application designed for roommates living together. Leveraged PHP, JavaScript, MySQL, HTML, and CSS to create a feature-rich platform.
- Employed Scrum Agile methodology to manage project, and played a key role in leading front-end development. Additionally, contributed to various aspects of project's success, including writing user stories, acceptance tests, and task tests.
- Implemented group chat, integrated task assignment system, and built user-friendly interface for bill division, enhancing roommate communication, responsibility distribution, and financial management.

Introduction to Web Application, February 2022 - May 2023

- Collaborated with a team of five members in cloning Top Hat, a highly effective course management website for instructors.
- Built using Python, Flask, and MongoDB, with a strong emphasis on frontend development and seamless backend/frontend integration.
- Integrated user authentication for secure login/register functionality, course creation and enrollment, and real-time communication through websocket, enabling instructors to post live questions to enrolled students.
- Employed MongoDB for comprehensive data management, storing user information, grades, and course details.

Introduction to Artificial Intelligence, November 2022 - December 2022

- Applied Python, and collaborated with a team of three people to research and implement various machine learning algorithms such as Linear Regression, Ridge Regression, and Lasso Regression to analyze and predict stock market trends.
- Utilized real-world historical data to train algorithms, resulting in a 93% of accuracy in prediction.

Data Structures, April 2022 - May 2022

- Coded in Scala, and collaborated with a partner to design and implement a recommended system, leveraging Netflix's database to recommend movies to users based on preferences and past movie ratings.

System Programming, March 2022 - April 2022

- Coded in C, developed packet encoding and decoding for basic instant messaging protocol.
- Created a functioning replica of C's standard allocator, including malloc, palloc, and realloc.

Computer Science II, November 2021 - December 2021

- Programmed a self-checkout system, allowing customers to scan items, display total cost, and select payment forms, utilizing Scala and unit testing.
- Programmed in Scala, developed a 2D game, allowing a player to move and shoot projectiles at enemies, and designed an AI algorithm to find shortest path to a player while avoiding obstacles.

CodePath, February 2022 - April 2022

- Constructed a copy of the Twitter app by leveraging Twitter's API, enabling users to view newsfeeds, post tweets, and engage with tweets by allowing users to favorite, comment, or retweet a tweet.
- Cloned the Instagram app, allowing users to see newsfeeds, post pictures and interact with a post via likes and comment.

SKILLS & TOOLS
Programming Language: Scala, Python, C, JavaScript.
IDE: Visual Studio, Jupyter Notebook, PyCharm, IntelliJ, emacs.
Technical: Microsoft Office Suite(Word, PowerPoint, and Excel).
Certificate: Computer Maintenance and Repair from Precision Exams.

WORK EXPERIENCE
Stocking TA, Walmart, Depew, NY, July 2022 - September 2022
- Unloaded up to 3,500 items a day from trucks and organized each item into its respective department.
- Coordinated with 5 people to move pallets of items to sales floor for stocking while assisting customers and fellow associates as needed.
- Scanned and picked overstock items from backroom to increase space for an upcoming delivery.

Pharmacy Associate, McKesson, Cheektowaga, NY, November 2019 - March 2022
- Picked and packed medical prescriptions in a fast-paced environment.
- Communicated with the UPS team and sorting team to sort and shipped orders to retail pharmacies.
- Assisted in packing and shipping over 23,000 orders per day.
- Organized supplies and stock stations and maintain a clean working environment.