

MAHENDRA SAPKOTA

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EDUCATION

University of Massachusetts Amherst

Fall 2018 - Present

Majoring in Computer Science, member of Commonwealth Honors College

Greenfield Community College

Fall 2015 - Spring 2018

Associated degree in computer science

Completed, 3.85 GPA

PROFESSIONAL STRENGTHS

Ability to work under pressure

Enjoy working in a team with high ethical standard

Good motivator, tech enthusiastic, and open to learn new ideas

Possess good management, organizational and communication skills

PROJECTS

Survey Master

worked in a scrum team of 8 to build end-to-end survey platform for our customer *Ultimate Software Group, Inc.* where people can create, take, take and analyze surveys. Used React.js for frontend, Python (flask) for backend, and MongoDB for database.

Recent Class Project

Among many projects, In my Operating System class last semester, I have developed four different CPU scheduling (FIFO, SJF, STCF, and RR) algorithms in a scheduling simulator. which successfully maximizes efficiency and ensure the fairness among running programs while utilizing resources like CPU time and I/O.

TECHNICAL SKILLS

Programming: C, C++, Python, Java, JavaScript, HTML, CSS

Tools/frameworks: Git, MongoDB, Agile, Scrum, Heroku, docker, React.js, Material UI

Courses: Software engineering, Digital Forensic, Operating System, Algorithms

WORK EXPERIENCE

University of Massachusetts Amherst

August 2014 - Present

Worked on campus as maintainer I night shift while taking classes during the day. Acquired knowledge of customer's problem solving, as well as Gained knowledge of handling confidentiality of customer while working in different buildings and offices

ACADEMIC ACHIEVEMENTS

Received Honors associated degree in computer science Greenfield Community College

Received international student scholastic achievement award in Greenfield Community College

Recipient of several employee awards by direct acknowledgement of customers in my current job

LEADERSHIP

Served as active member of international student club in Greenfield Community College

Led organizing, budgeting, promoting and presenting many student events

Assist on opening new diversity center at Greenfield Community College