

Jwalin Maniar

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Permanent Resident Website:- <https://jwalinmaniar.herokuapp.com/>

EDUCATION

University of Colorado at Boulder

Bachelors in Computer Science

Graduating May 2018

Relevant Courses:

Algorithms Software Methods and tools Computer Graphics Introduction to Robotics Computer Systems Data Structures
Computer Animation Principles of Programming Intro to Programming

Skill Set:

- TSM/Storage, Backup Linux C,C++ JavaScript Python HTML,CSS Php Mysql Adobe InDesign Autodesk Maya Adobe Illustrator Adobe Photoshop
- Teamwork Product Ownership Product Management Software Unix

EXPERIENCE

Data Input Technician, CAD Research Department

(May2015- August 2015, Boulder, CO)

- Worked under Phil Martin, at CAD Research Department, where I worked with Autodesk Meridian software, I had reviewed thousands of documents, note their details and had to transfer them to Meridian Software. This project needed a lot of concentration and focus to review all the old hand written documents and then transfer it to the right server on Meridian software.

Software Methods and Tools: Student

(June – July 2016, Boulder, CO)

- Worked in a team on a Web-development project. We created a social networking website, using HTML5, php, mysql, apache server and materialize css framework to make an social networking website, where users can post status and photos and can see feed to post that other users has posted. This was a team based project, and had an experience in working on team projects.
<https://www.youtube.com/watch?v=yVg4V7HlVnA> a demo of our website.

Human User Centered Design Computing Project: Team Lead, Student

(June – August 2016, Boulder, CO)

- Usability testing and processing data from various social media sources, interviews to develop a responsive web application that will allow users to find people of similar interests within the immediate vicinity. The project was done in a group of four and done using Illustrator, Indesign and Photoshop. Lead the group of four to work on the application that has immense privacy and safety controls built in granting the user the security over their life and who is included.

Intro to Robotics: Student

(May – June 2016, Boulder, CO)

- Worked in a team project on programming a robot. We used Dijkstra's Algorithm, Path planning and Usage of ultrasound sensors to make the robot follow a path and give highfives to friends and employees. We programmed in a sparki robot using arduino environment in C language. <https://www.youtube.com/watch?v=TNboHiRJjSE> heres the demo of the working robot.

Computer Animation: Student

(June – August 2015, Boulder, CO)

- Had to work with Autodesk Maya 2016, and work on a project of creating a animated film along side using python code to create loops. I did create a 2:00 long video of a persons living room with the long detailing making a real looking couch, television, tables, glasses, windows, walls, table fan, lamp, book shelf and kitchen. Had done my best to make all of the things real and did wrote a code in python for the table fan to make it on loop.

Balloon Satellite Project: Team Lead, Student

(Aug. – May. 2013-2014, Boulder, CO)

- I had to lead a team for 4 students and work on the software part of the satellite. We did embedded coding on Arduino board with language C. After working hard on it for 10 months, we did install it on the satellite and was send to 100,000 feet high in air and can be with all the data. This was a successful attempt and learned different team work and leadership working with a team.

SI leader: Tutor

(Jan -May 2014, Denver, CO)

- Worked with a Math Professor for 1000 level courses. I had to held my own class with 20 students and help them solve different math problems from the textbook and MasteringMath and help them to get better grades in the course.

LEADERSHIP/ INVOLVEMENT

- **South Asian Student Association:** Treasurer/Secretary Executive Officer (August 2015- Present, Boulder, CO)
Collaborated and established relations with several sponsoring committees in order to fund events, traveling, and member meetings; worked with a budget of \$19,000 per school. Put on events for 50-80 members every month that promotes cultural relevance and educates the community.

Tutor/ Voluntary Work: Student

(Aug. 2013 – Present, Boulder, CO)

- Did spend time with young students and help them gain interest and answer question regarding Math problems, help them learn and understand Algebra, Geometry, Trigonometry and Calculus

Best Buy: Customer Service Specialist

(November 2015-Present, Boulder, CO)

- Working at Best Buy as customer service specialist and train new employee on customer service skills and sales on Protection plans .