





Hiloni Mehta

 551-260-1198
 hiloni_mehta@brown.edu
 linkedin.com/in/hiloni-mehta
 www.hilonimehta.com

EDUCATION

Brown University(Transferred) *Providence, RI*

Expected December 2021

M.S. in Computer Science

Related Courses:

Designing Humanity Centered Robots, Deep Learning, Artificial Intelligence

Stevens Institute of Technology *Hoboken, NJ*

August 2019 – May 2020

M.S. in Computer Science

GPA: 3.95/4.00

Related Courses:

Knowledge Discovery and Data Mining, Machine Learning, Web programming and Human Computer Interaction, Database Management Systems

BITS Pilani *Dubai, UAE*

Graduated: June 2019

Bachelor of Engineering in Computer Science

GPA: 3.76/4.00

San Jose State University *San Jose, CA*

Summer 2016

Engineering Entrepreneurship

SKILLS

Programming Languages

Java, Python, Swift, C, SQL, JavaScript, R, Java

Frontend Technologies

HTML, CSS, HandlebarsJS

Backend Technologies

NodeJS, ExpressJS

Database

Relational Databases, PostgreSQL, Firebase, MongoDB

Other Technologies

IOS application development(Xcode and swift), Microsoft Office, MacOS, Windows, Linux

Version Control

Git,Github

EXPERIENCE

Society Of Women Coders(Non-Profit Organization) *United States*

Lead Mentor

July 2020-Aug 2020

- Mentored girls from around the globe to create responsive websites and understanding entrepreneurship for solving societal issues
- Held mentorship sessions and 1:1 meeting to teach coding and give personalised attention on their project development
- Conducted workshops to motivate young girls in STEM education

ESRI Research and Development

Sharjah, UAE

Software Product Development Intern

Jan 2019- Jul 2019

- Analysed data on spatial reference software ArcGIS and coded to get customized output
- Applied GDAL and machine learning to fetch and train data received from image
- Automated processes on ArcGIS portal with Python scripting

ehAPI Technologies

Dubai, UAE

Technology Intern

Jun 2017 – Aug 2017

- Developed and designed IOS Application using Swift coding language in XCode based on client's preferences
- Built IOS Applications with a team of 5 developers

PROJECTS

Stevens Institute Of Technology, Hoboken, NJ

- **Machine Learning Algorithms** *Mar 2020-Apr 2020*
 - Coded Python scripts to implement statistics behind various machine learning algorithms such as logistic regression, Principal component Analysis and neural networks.
- **Website Development: PlayBook** *Dec 2019*
 - Created a website based on user's feedback to allow sports enthusiasts to create a sports event and join events
 - Performed CRUD operations in MongoDB database scheme and embedded google maps to filter ground search
- **Amazon Reviews: Fake or Genuine prediction** *Dec 2019*
 - Generated data fields to calculate factors to decide genuineness of amazon reviews
 - Implemented algorithms such as random forest, K nearest neighbour, K means and generated 95% accurate results

Zuv, Dubai, UAE

Nov 2018 - Jan 2019

- Developed an application to prevent users from accessing phone while driving by giving incentives to help reduce accidents on road
- Awarded Third Prize in Start-up Weekend UAE 2018 and special mention in Volkswagen Mobility Challenge

Save Food, Dubai, UAE

Aug 2017 - Nov 2017

- Collaborated and interacted with food donors, and non-profits to develop an IOS application to communicate for easy food transition to reduce food wastage

BITS Pilani, Dubai, UAE

- **Machine Learning Sentimental Analysis** *Aug 2018 - Dec 2018*
 - Modelled using recurrent neural networks to determine human sentiments of Twitter data
 - Summarized tweets and implemented Python script for LSTM algorithm that increased efficiency of output by 25%
- **Bill and Melinda Gates Foundation** *May 2018 - Jun 2018*
 - Proposed a research paper with budget for machine learning to predict mutations of Hemagglutinin and neuraminidase to make vaccination against swine flu