Mihir Patel

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EDUCATION

University of Cincinnati   Expected May 2021
Cincinnati, Ohio
- Pursing a B.S. in Computer Science
- GPA of 3.6/4.0

SKILLS

- **Programming:** Python, C++, JavaScript, HTML/CSS/Sass, MATLAB, PHP
- **Tools:** Amazon Web Services, Docker, Git, Elasticsearch, Gulp, JQuery, Adobe Creative Suite
- **Frameworks:** TensorFlow, Bootstrap, Flask, Drupal, PyQt, Angular, Agile (SCRUM)

EXPERIENCE

Siemens PLM Software   Jan 2018 - Dec 2018
Software Development Co-op   Milford, Ohio
- Utilize TensorFlow to forge a CNN model to classify data with over 90% accuracy
- Automate machine learning training by extending use of various C++ APIs
- Query textual data from Elasticsearch utilizing JavaScript APIs
- Embed AWS Lambda JavaScript calls in an Angular web framework
- Responsible for utilizing Python to parse CSVs to index data into Elasticsearch
- Create a Python Flask REST API to handle up to 500 requests in a Docker container

University of Cincinnati   Aug 2017 - Dec 2017
First-Year-Experience Peer Leader   Cincinnati, Ohio
- Educated 20 students in topics across differing educational genres
- Created weekly lesson plans to accommodate university standards
- Engaged students by providing interactive presentations and activities

PROJECTS

Word Search Mania
github.com/mihi-r/word-search-mania
- A word search GUI created in Python 3 using the PyQt5 framework and object-oriented design
- Utilizes a dictionary file to randomly populate the word search matrix

Engineering Tribunal Website
tribunal.uc.edu
- A website developed with Drupal 8 while using HTML/Sass and vanilla JavaScript to theme
- Uses a Gulp file to generate CSS from Sass and minified cross-browser compatible code

Career Fair Student Forms
tribunal.uc.edu/careerfair/student-sign-in/student.html
- Developed sign in web forms using PHP as the the backend to POST to MySQL
- Created a script with JavaScript to print out name tags with label printers

COMMUNITY INVOLVEMENT

Engineering Tribunal Technology Director
- Manage and lead a redesign initiative for the official organization website
- Create web applications and various digital forms to be used at the university career fair

Engineering College Ambassadors
- Answer all questions regarding the College of Engineering and Applied Sciences
- Give college tours to interested freshmen and their parents

Available for co-op in Spring 2020