


Mihir K. Patel


Data Sci & Analytics Student

CONTACT

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 <https://opensurgesurgeon.github.io/>

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PROGRAMMING

R, Python, C++, C, JavaScript

CERTIFICATES

2019

R, R Advanced, Python,
C++ Advanced

2018

JavaScript, C, C++

EDUCATION

Data Science & Analytics, B.S.

University of South Florida
Tampa, 2019 - Current

Computer Science, Non-Deg.

University of South Florida
Tampa, 2018 - 2019

General Engineering, A.A.

Hillsborough Community College
Tampa, 2013 - 2016

AWARDS

Dean's List

Spring '14, '15, '20

Fall '13, '14, '19

Award

Student Excellence Award '16

EXPERIENCE

Undergraduate Research Assistant

University of South Florida, Tampa, FL / August 2019 - Present

- Data munging on the data collected from various government and social media data sources
- Building tools for data visualization and exploratory analysis with R

Summer Research Intern

University of South Florida, Tampa, FL / March 2020 - Present

- Write programming scripts to facilitate teammates' work
- Working with SLURM and processing "big-data"
- Forming Information Entropy using Information-theory

Tutoring

University of South Florida, Tampa, FL / March 2020 - Present

- Teaching assistant for Intro. to Data Science class
- Helping students with their R programming assignments

Hillsborough Community College, Tampa, FL / August 2016 - Present

- Routinely help students who are taking courses such as Raptor, C, C++ and Java, and Statistics, Algebra and Pre-Calculus
- Aiding classmates and partake in after-school study groups to clear doubts or explain topics covered in our classes

I CAN!

- Communicate my ideas effectively, and formulate (workaround) solutions through research and background knowledge
- Work and contribute towards a team's success
- Code and design an application
- Collect data and tell-a-story via visualization tools

RELEVANT COURSEWORK

Mathematics

Algebra, Pre-calculus & Trigonometry, Calculus I-II-III, Differential Equations, Statistics, Advanced Statistics & Analytics, Engineering Economics, Macro Economics, Linear Algebra, and Discrete Mathematics

Sciences

Physics I-II with Calculus, Chemistry I, Marine Biology, Sociology, Psychology, Computer Organizations, Program Design with C, Data Science with R, Objective Oriented Programming with C++, and Data Structures & Algorithms with C++

Arts

English I-II, Engineering Communications, Psychology, Sociology, Public Speaking