

Shivam Patel

<http://shivamppatel.github.io>
shivampatel@utexas.edu | 319.651.6181

EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN

B.S. IN COMPUTER SCIENCE
APPLIED STATISTICAL MODELING
INFORMATION SECURITY
CERTIFICATES
Expected December 2019 | Austin, TX
Major GPA: 4.0
Cum. GPA: 3.96
University Honors (All Semesters)

LINKS

Github:// [shivamppatel](#)
LinkedIn:// [shivam-p-patel](#)

COURSEWORK

Computer Architecture - Current
Data Structures
Discrete Math
Autonomous Robotics
Linear Algebra
Fundamentals of Logic

SKILLS

Languages
Java • Python • C++ • JavaScript
SQL • HTML • CSS
Frameworks and Technologies
Flask • Bootstrap • ROS
jQuery • Heroku • Git • Excel

HACKATHONS

MHacks 8 • HackTX
Capital One SWE Summit Hackathon

INTERESTS

Personal Growth • Finance
Sports Analytics • Basketball
Hip-Hop Dance • Open-Source Dev

REFERENCES

Jim Beranek • @McDonald's Corporate
Sr. Manager - Restaurant Measurements
jim.beranek@us.mcd.com

EXPERIENCE

CODING4YOUTH | COMPUTER SCIENCE INSTRUCTOR

September 2017 – Present | Cupertino, CA

- Teach students fundamentals of Java Programming through web platform
- Curated exercises to stress fundamentals of data structures and algorithms

MCDONALD'S GLOBAL HQ | SOFTWARE DATA INTEGRITY INTERN

June 2017 – August 2017 | Chicago, IL

- Established and Executed Test Plans to ensure Software Integrity for Global Performance Matrix
- Developed back-end logic to help identify bottleneck's in site performance
- Ensured Data Integrity between SQL Database and Tableau Reports
- Analyzed Performance Statistics with Statistical Models and Tests (i.e. F-Test, Distributions)

CAPITAL ONE | INVITATIONAL SOFTWARE SUMMIT

May 2017 | McLean, VA

- Curated iOS application that utilized Nessie API to promote utilization of consumer account rewards
- Project targeted minimization of Capital One's liabilities and prevented sunk costs

SONNE INDUSTRIES | APPLICATION DEVELOPMENT INTERN

June 2015 – January 2016 | Chicago, IL

- Developed application wireframe to expand platform development for product
- Conducted Market Research through international platform

PROJECTS

LIGHT IT UP! | MAY 2017

ROS Program that connects Autonomous Robots to local Arduino light system to display current system status

- Contributed to Open-Source project for Autonomous Robots Research at UT-Austin
- Programmed ROS services and nodes to integrate Arduino light strip, creating immediate visual communication medium
- Overhauled external communication system of current robot status

YELP ME OUT! | MARCH 2017

Web Application that simplifies searching for an experience

- Utilized Yelp-Fusion API to query search terms through web form
- Implementation of Flask Framework back-end server
- Integration of Google Maps and IP Location APIs to further UX

ORGANIZATIONS

PUNJABBAWOCKEEZ | WEB MASTER AND DANCE MEMBER

Maintenance of website and team technology infrastructure

- Development lead of re-making organization website
- Organized communication medium to single channel to increase efficiency