

TEJ PATEL

Website: pateltej.com

Email: tejpatel498@gmail.com

Mobile: (859)-618-9208

OBJECTIVE

To obtain an entry level Intern position of your Information Technology team, which can help me utilize and develop my knowledge and experience.

EDUCATION

Bachelor of Science of Computer Science, University of Kentucky
(Minor in Mathematics)

Projected Graduation – May 2020

GPA: 4.0/4.0, Junior

Relevant Courses = Algorithm Design and Analysis, Logic/Theory of Computing, Discrete Math, System Programming, Introduction to Computer Networking, Matrix Algebra and Applications, Calculus (I, II, III & IV).

SKILLS

C++, Python, Linux, HTML, Basic JavaScript, CSS, R, Object-Oriented Programming, Google-Actions, DialogFlow, API.ai, Contiki OS, Arduino Programming, Visual Studio

EXPERIENCES

Web Design intern at Dishan InfoTech / getdetail.in (Summer 2018)

- Build and Design websites for businesses using basic HTML, CSS and WordPress.
- Work as teams and pitch ideas about the website to the manager and customers.
- Meet deadlines (usually 10-14 days) to get the website ready and deployed.

Research Assistant, Computer Science Dept., University of Kentucky (September 2018 – Present)

- **Topic** – To design a novel "topology control algorithm" for designing an energy-efficient yet robust DRN
- **My role** – To analyze the algorithm through (I) a real small-scale WSN testbed & (II) large-scale experiments on Contiki Simulator.

Computer Science Tutor, Tau Beta Pi, University of Kentucky (September 2018 – present) &

Tutor: Calculus (I&II), Transformative Learning, University of Kentucky (August 2017 – Present)

- Work with students to help them better understand the basics of Computer Science and Calculus.
- Utilize leadership and public speaking skills, and help understand the underlying concepts of the subject.
- Tutor different coding and mathematical processes.

PERSONAL PROJECTS

- **Smart Seek (a YouTube Chrome Extension):** A video's, frequently use keywords are filtered and displayed. The user can just click on the keyword they wish to look for and reach the part of video where it is used. ([Cat Hacks Hackathon](#)).
- **Google Patient Guru:** A Google-Home based program that acts as an actual patient. Fed with data about symptoms, it comes up as a different symptom every time and hence acts as a new patient all the time for Med/Pharmacy School Students to practice their "diagnostic skills" on, away from their classes. ([Vol Hacks Hackathon Project](#)).
- **Ez-Mail:** The following project is a smart bot that helps students write a tailor-made professional email to their professors. Given a handful of vocal inputs, the bot would generate a professional email for the student. ([BoilerMake \(Purdue\) Hackathon Project](#))
- **Arduino Jingle Box:** A mingled knowledge of circuits and Arduino programming along with some C++, wires, switches and Piezo buzzer enabled the Arduino Board to produce melodies.
- **The Snake Game & The Hangman Game:** A terminal operated snake & hangman game, written in python
- **The RSA cryptosystem program:** A program, written in C++, helps encode/decode words using concepts of RSA cryptosystem.

More about Hackathon projects on Devpost:

https://devpost.com/TejPatel98?ref_content=user-portfolio&ref_feature=portfolio&ref_medium=global-nav

ORGANIZATIONS / CAMPUS INVOLVEMENT

- **Tau Beta Pi**
- **International Student Ambassador** at University of Kentucky
- Co-Founder / Web Master / Director of Academic Affairs at the **Indian National Student Association**
- Member of **University of Kentucky Energy Club**
- Director at **Interact Club by Rotary** (Rajkot)

HACKATHON - PRIZES / MENTIONS & AWARDS

- CatHacks Hackathon – 2nd prize
- BoilerMake (Purdue) Hackathon – Top 5 projects mention
- VolHacks Hackathon – Best Project Presentation
- Dean's List (Fall 2016 – Present)