Yash Patil

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github.com/ypat125
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SKILLS

Proficient: Java, Javascript, jQuery, webdev, HTML/CSS, 3D printing

Familiar: Python, node.js, Git, Network Security, Twilio, Heroku, Firebase, Google APIs

Working Knowledge: Android, Arduino

PROJECTS

Ecuisina — *Developer* (ecuisina.com) June 2017 - Present

- Created an online food trading platform for users to barter home cooked foods and experience authentic cuisines locally and affordably
- Utilizes easy-to-use item posting, secure trading requests, dynamic distance and preference based searching, scheduling, rating systems, and automated SMS notifications
- Built from the ground up using Javascript and jQuery on the front end and custom node.js firebase functions triggered by ajax HTTP requests on the back end
- Utilizes material design concepts

Gimme SMS — *Developer* (gimmesms.com) May 2017 - Present

- Created a service for users that do not have data plans to simply text a phone number and receive turn by turn directions, address locations, and weather information scraped from the web
- Built using Python, Twilio, and Google Maps APIs
- Ran program on Heroku and used Twilio webhooks to trigger a search

EDUCATION

Liberal Arts and Science Academy, Austin, Texas 2017 - 2021

Coursework: AP Computer Science, UT Introduction to Python CS 313E (Audited), Introduction to Java, Graphic Design

EXTRACURRICULARS

Science Olympiad 2014 - Present

- **Event Focus:** Engineering
- **Mission Possible:** A RubeGoldberg-like device that triggers an end task through a series of defined electrical, mechanical, or chemical actions.
- **Mousetrap Vehicle:** A vehicle using mouse traps as its sole means of propulsion that can push a plastic cup forward, reverse direction, and come to a stop behind the start point at a specified endpoint.

Individual Rankings

- 1st place - Mousetrap vehicle at UPenn, Philadelphia, PA (2018)
- 3rd place - Mission Possible at MIT, Boston, MA (2018)

Team Rankings

- 1st place - University of Pennsylvania (Invitational) - 2018
- 5th place - MIT (Invitational) - 2018
- 2nd place (Eligible for Nationals) - Texas State Competition (State) - 2017

Programming UIL

- 1st Place - Indeed Invitational, novice division (2018)
- 1st Place - ARM Invitational, novice division (2018)