Namit Juneja

namitjuneja.com | hello@namitjuneja.com | +91-9787-108-238

LINKS

Github: namitjuneja
LinkedIn: /in/namitjuneja

INVOLVEMENT

Institution of Electronics and Telecommunication Engineers
Technical Head
August 2013 – Present
• Student Mentor
• Event Manager

Students for the Exploration and Development of Space *Lead Developer*
March 2014 – November 2014
Projects based on feature extraction & character recognition using Python.

Association for Computing Machinery
Member
Fall 2013 - Present

SKILLS

Experienced in:
Python • C • C++ • Flask • Image Processing • NLTK • Heroku • OpenCV • Git • BeautifulSoup • AWS • Bash • CSS • MySQL • HTML • JavaScript • JQuery

Familiar with:
Android • NodeJS • Django • Angularjs • React.js • MATLAB • Photoshop • PHP

ACHIEVEMENTS

RealHack *Best Student Team*
Bangalore, India
• Built a tool which helps real estate agents provide a virtual walk through of a property to the customer without either of them being physically present at the site.

WeHack *Top10*
Vellore, India
• Developed an eye tracking tool which helps people control devices around them without making any limbic movement.

EDUCATION

Vellore Institute of Technology, Vellore
B.Tech. Electronics and Communication Engineering Expected May 2017
Minor in Computer Science

EXPERIENCE

Educatrium Ventures *Software Development Intern*
Shanghai, China | Summer 2015

• Built an accelerated learning platform in python that can track a student's performance and make his curriculum adapt to his skills as he progresses.
• Developed a test taking platform using LAMP stack and Amazon Web services to help students take diagnostic tests.

Google Developers Group *Lead Python Developer*
Vellore, India | Since May 2014

• Built cloud communication solutions for startups using Twilio API and Flask framework
• Developed APIs to access student information from the college website using BeautifulSoup and used it to develop a mobile application to help students easily access college information.

PROJECTS

rtw (HackMIT)
• Developed and optimized a motion detecting algorithm used to track movements in the environment independent of the type of the object moving.
• Further created a Hyperlapse video creation tool which utilizes Google Street View API to create 3D hyperlapse videos of streets which can easily be navigated by moving your head in front of the screen.

iTrack (WeHack)
• A simple eyeball tracking tool used to help bed-ridden patients to perform a variety of actions such as diming the tubelights, calling for help etc. just by moving his/her eyeballs.
• Built using Python, OpenCV and pyQt.

my-vit
• Developed an open source API using Python and BeautifulSoup to scrape student data off the college's website.
• Further built a web-app to help students to access their and their friend's exam seating arrangement and get a notification as soon as it is updated.
• Aimed for about 2000 students, got 500+ hits in less than 5 hours