

Namit Juneja

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LINKS

Github: namitjuneja

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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 •
MATLAB • Photoshop • PHP

ACHIEVEMENTS

PennApps 2016 *Top 10*

Philadelphia, USA

- Built an app that dynamically creates a written account of your life based on information collected from your smartphone and 3rd party API (protray.me).
- Also awarded the sponsor award for the best use of Beaker Notebook by Two Sigma.

HackMIT

Boston, USA

- Hacked on a memory efficient gesture tracking algorithm used to navigate through 3D hyperlapse videos created using Google Street View API.

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.

EDUCATION

Vellore Institute of Technology, Vellore

B.Tech Electronics & Communication Engineering *Expected May 2017*

Minor in Computer Science.

EXPERIENCE

Educatrium Ventures *Software Development Intern*

Shanghai, China | Summer 2015

- Developed and improved on back end design which learns from the students' performances and makes their learning curriculum adapt accordingly.
- Extended the functionality of the test taking platform by adding features such as student guesses, adaptive scoring etc.

Google Developers Group *Lead Python Developer*

Vellore, India | Since May 2014

- Developed generic cloud communication solutions for startups and small scale businesses to make the communication channel much more functional.
- Created RESTful API's making student's academic and other information available easily to developers by scraping data off the university's webpage.

PROJECTS

Roam The World (HackMIT)

- Developed and optimized a motion detecting algorithm used to track movements in the environment independent of the type of moving object.
- 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 dimming 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.
- Developed an application that helps college students easily access their academic information, housing details, exam seating arrangements, predict grades and other student utility tools.
- The app is currently used by 2000+ students across campus.