AKANKSHA NAYAK

Software Engineer

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TECHNOLOGIES

Languages | Python, JavaScript (AJAX, JSON) , HTML, CSS
Frameworks/Libraries | Flask, jQuery, Bootstrap, Jinja, Angular
Database/Industry Tools | PostgreSQL, SQLAlchemy, Git, GitHub, Command Line

PROJECT

Project Name | Travelogue
Allows users to search for travel destinations by entering their origin city, budget and dates.
Tech stack: Python, Flask, Javascript, JQuery, PostgreSQL, SQLAlchemy, AJAX, Jinja2, Bootstrap, Chart.js, HTML, CSS, Google QPX Express API, Google Maps API
Github link: https://github.com/akankshanayak2111/Project_Travelogue

EXPERIENCE

Regulatory Medical Writer   June 2015 – March 2016
Tata Consultancy Services, Mumbai, India
- Authored and peer reviewed clinical trial registry summaries (result and protocol summaries) for ClinicalTrias.gov and European Clinical Trials Database.
- Performed redaction of clinical study reports.

Junior Medical Content Executive   Feb 2014 – June 2015
Sorento Healthcare communications, Mumbai, India
- Developed medical content covering a wide range of therapeutic areas for a range of target audiences including doctors, pharmacists, nurses, patients, etc. This includes medical content for newsletters, brochures, booklets, leave behind literature, patient education cards, training slide decks, continuing medical education, visual aids, AVs and healthcare websites.
- Proficient in editing and proofreading scientific inputs.

Columbia University Medical Center   Oct 2012 - Apr 2013
Laboratory Intern, Department of Physiology and Cellular Biophysics
- Carried out the quantification of reactive oxygen species using dye reduction test and fluorescence techniques in N9 transformed murine microglial cells, to study the role of inflammation in microglial cell activation and thereby in Parkinson's disease.

Columbia University Medical Center   May 2012 - Jul 2012
Supervised Research, Department of Physiology and Cellular Biophysics
- Studied the Activation of microglial cells in Parkinson's disease.

EDUCATION AND TRAINING

Hackbright Academy, *Software Engineering Fellowship*   May 2017-Aug 2017

Columbia University, *MA, Biotechnology* (GPA 3.93)   2011 - 2012

University of Mumbai, *MSc Part 1, Biotechnology*   2010 - 2011

University of Mumbai, *Bsc, Biotechnology*   2007 - 2010