

Harsh Devprakash Gupta



I am currently a junior at UIC studying computer science and minor in finance. Through my coursework I have developed a broad understanding of many programming languages and machine learning. I'd like an internship or research opportunity that will allow me to utilize my problem solving skills and advance my abilities in the field of computer science.

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EDUCATION

Computer Science

University of Illinois at Chicago, Honors College

08/2017 – Present

3.68

Relevant Courses:

- Data Structures
- Software Design
- Programming Language Design and Implementation
- Systems Programming

WORK EXPERIENCE

Lab Assistant

Engineering Research Facility, HPC Lab, UIC

02/2018 – Present

Chicago

The Lab has a High Performance Cluster which provides researchers to work on complex simulations and calculations.

Achievements/Tasks

- Using Machine Learning, training with different types of data sets using tensorflow and OpenCV
- User creation and management, addition of GPU nodes.
- Regularly checking cluster and nodes, reimaging them when needed, solving hardware as well as software issues.

Contact: Jonathan Komperda – (312) 355-2327

Software Development Intern

Ekta Flow, LLC

06/2019 – 08/2019

Chicago

Ekta is a Chicago-based software and hardware solutions company.

Achievements/Tasks

- Provided technical development to multiple client companies
- Updated react- user interface according to the client needs

Contact: Mark Francoise – (312) 581-8743

Teaching Assistant

Department of Computer Science, UIC

01/2019 – Present

Chicago

Undergraduate Teaching Assistant for CS 211- Programming Practicum

Achievements/Tasks

- Instructed three, two-hour labs weekly to help student design, implement software development tools and practices, debugging and testing and explaining important concepts

Contact: Nasim Mobasheri – (312) 996-3416

SKILLS

Python C++ C F# Java Tensorflow

JavaScript Node.js Laravel Docker MySQL

PHP Bootstrap Raspberry PI React Arduino

CSS HTML 5 Vue.js Creativity

Time Management Goal Oriented Networking

Linux System Administration Github Moab

Machine Learning

PERSONAL PROJECTS

Laravel- User Creation Management Application

- Link: <https://github.com/hgupta20/multiApp>

TensorFlow: Threat Detection

- https://github.com/hgupta20/Machine_Learning_threat_Detector

C - Restaurant Management System

- Link: https://github.com/hgupta20/Restaurant_Waiting_Management

Arduino - Salt Dispensing Tank

- Link: https://github.com/hgupta20/Salt_dispensing_tank

AWARDS

3rd Place - Google Tech Challenge 2019, Chicago

LANGUAGES

English

Full Professional Proficiency

German

Limited Working Proficiency

INTERESTS

Hiking

Mountaineering

Fishing

Travel