Harsh Devprakash Gupta

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PROFILE SUMMARY

High Performing computer science junior with experience in different programming languages and supercomputers and its hardware. Passionate about working with computers and developing solutions to make lives of people better.

EDUCATION

University of Illinois at Chicago (UIC), Honors College   Expected: Dec 2020

Bachelor of Science in Computer Science

- G.P.A- 3.76/4.00
- UIC Engineering Merit Scholarship
- Dean's List

Relevant Coursework- Program Design I & II, Discrete Mathematics, Programming Practicum, Data Structures, Machine Organization, Languages and Automata, Calculus I, II & III, Software Design, Systems Programming, Programming Language Design and Implementation.

The Scindia School Gwalior India   Graduated: May 2017

- Graduated in top 10% of Scindia Class of 2017
- House Captain (2016-2017)

Fontane Gymnasium School, Student Exchange, Germany   Senior Year

SKILLS

Programming (Proficient): Python, C++, C, MySQL, HTML, JavaScript, Java on Grails
Systems: LINUX, Windows, MacOS, Ubuntu, CentOS 7
Other Software: Photoshop, Dreamweaver, Indesign, Premier, Power Point, Excel, Word, Mediawiki
Supercomputing: Torque, Moab, Ganglia
Natural Language: English, Hindi, Nepali, German

AWARDS

- Nehru Institute of Mountaineering – Scaled peak Draupadi ka Danda (18,740 ft), 5680 mts
- International Award for Young People by Duke of Edinburgh- Silver
- Scindia Explorer Award- Cycled for 500 miles in 7 days

WORK EXPERIENCE

Department of Mechanical and Industrial Engineering, Supercomputer Lab, UIC   February 2018-Present
Supercomputing Assistant

- User Account creation and management and addition of GPU nodes.
- Regularly checking cluster and nodes, reimaging them when needed, solving hardware as well as software issues.
- Designed website and Wikipedia page for familiarizing people with the Cluster
- Checking the scheduler for issues with accepting jobs and solving those issues.

Computer Science Department, University of Illinois at Chicago   January 2019- Present
Computer Science Teaching Assistant

- Teach lab sessions on Software development tools and practices; debugging and testing; advanced language features.
- Hold office hours 3 hours every week for student who need extra help.
- Helped students to be more independent when finding and fixing bugs

Deerwalk HealthCare Solutions, Nepal (Company Based in Boston, US)   June 2018-July 2018
Intern as MySQL/Java Developer

- Writing Procedures and SQL queries and procedures as desired by the clients.
- Fixing Bugs and working with the backend team and maintaining the database.
- Working on the interface for the users and database with MySQL

Website and Publication Team: The Scindia School**, Gwalior, India   Sept 2014- 2017

- Regularly updated websites and captured major events in the school.
- Organized major inter-school Journalism and Publications events for students.

ACTIVITIES

- Mountaineering, Hiking, Fishing, Cycling and Travel.

OTHER EXPERIENCES/ PROJECTS

App Development- Science Fair, India   October 2017

- Lead a team of three to develop an Educational Resource Application for school on Android based mobile platform.

Conservation of Water Bodies, India   July 2016-July 2017

- Collectively worked towards creating a zero-discharge campus and reusing all water back in fields.