

Anit A. Gandhi

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Naperville, IL 60540

Education

University of Illinois at Urbana Champaign (UIUC)

Anticipated Graduation: May 2016

BS, Computer Engineering | Business Minor

3.34/4.0

Courses: CS 225 (C++, Data Structures) | ECE 391 (Comp. Systems Engineering) | CS 460 (Comp. Security Lab)

Denmark Technical University | Copenhagen, Denmark | Exchange through UIUC

Spring 2014

Courses: Cryptology 1, Data Compression

Work Experience

Consultant | CITES OnSite Consulting

UIUC | August 2012 – December 2014

- Responded to clients and departments in regards to desktop maintenance and enterprise security concerns
- Learned and applied Microsoft enterprise tools for endpoint management and imaging

IT Intern | City of Naperville IT Department

Naperville, IL | May 2013 – August 2013

- Worked with multiple PC technicians and network administrators to assist end users
- Better understood the fundamentals of enterprise level networking

Skills, Certificates, and Courses

- Advanced experience in programming: C, C++, Python, Java, and Data Structures
- Intermediate experience in web development: PHP, MySQL, JavaScript, HTML/CSS
- IT Skills: CompTIA A+ Certified, Multiple Microsoft enterprise tools, computer hardware repair, Linux
- Languages: Intermediate comprehension of Hindi, Basic comprehension of Spanish

Leadership Experience and Extracurricular Activities

IEEE (UIUC Student Chapter)

UIUC | August 2013 - Present

- Director of IT Committee
 - Led committee in finding solutions to streamline technical processes of other committees
 - Maintained and improved website for hundreds of active monthly users
- Member of IT and Publicity Committees
 - Developed backend for Skillset Database: PHP + MySQL for a database of users' skills
 - Automated newsletter creation: PHP + MySQL to automatically generate a newsletter
 - Created Google+ Photo Gallery connection: PHP + JavaScript to show pictures from Google+ account

Engineering Learning Assistant

UIUC | August 2014 - Present

- Taught and mentored 23 first-year ECE students in becoming acquainted with university life
- Presented the students with academic and professional resources with the department, college, and university
- Learned how to effectively teach and communicate with younger students

Projects

- Applied the LZW lossless compression algorithm to BMP images, text, and general binary files in C++ in order to analyze its compression ratios, running time, memory usage, and image quality.
- Developed Chrome extension to monitor the usage of UIUC engineering workstations using JSON callbacks

Awards and Honors

- Recipient of the Caterpillar Foundation Engineering Merit Scholarship
- Recipient of The Prudential Foundation Scholarship
- UIUC Engineering James Scholar (August 2012 – Present)
- UIUC Engineering Dean's List – Spring 2013