

Anit A. Gandhi

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OBJECTIVE Seeking a full time security or software engineer position.

EDUCATION **UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN (UIUC)** **AUGUST 2012 - MAY 2016**
BS | COMPUTER ENGINEERING, BUSINESS MINOR GPA: 3.34/4.0

Courses: CS 225 (Data Structures), ECE 391 (Comp. Systems Engineering)
CS 460 (Security Lab), CS 438 (Computer Networks), CS 425 (Distributed Systems)

Awards Engineering James Scholar, Engineering Dean's List (Spring 2013, Spring 2015)
Caterpillar Foundation Engineering Merit Scholarship

DENMARK TECHNICAL UNIVERSITY (STUDY ABROAD) **SPRING 2014**

Courses: Cryptology 1, Data Compression

EXPERIENCE **TECHNOLOGY DEVELOPMENT INTERN | CAPITAL ONE**
SUMMER 2015 | CHICAGO, IL

- Contributed to a new responsive web application in AngularJS
- Learned front-end build processes with NodeJS, Gulp, and Bower
- Researched JSON Web Tokens and created a working proof of concept
- Worked in an agile development environment

CONSULTANT | CITES ONSITE CONSULTING
AUGUST 2012 - DECEMBER 2014 | UIUC

- Responded to clients and departments regarding desktop and enterprise maintenance
- Learned and applied Microsoft enterprise tools for endpoint management and imaging

SKILLS & PROGRAMMING LANGUAGES **ADVANCED:** C, C++, x86, JavaScript, HTML/CSS
INTERMEDIATE: Python, NodeJS, AngularJS, PHP, MySQL
IT: Computer Hardware repair, Linux, Microsoft enterprise tools
LANGUAGES: Hindi (Intermediate), Spanish (Basic)

LEADERSHIP **TECHNICAL VP | IEEE UIUC**
AUGUST 2015 - PRESENT | UIUC

- Oversaw the operation 4 technical committees and 5 Technical Advancement Groups
- Completed deployment of a new website
- Worked with corporate and university organization representatives to create opportunities for student advancement

ENGINEERING LEARNING ASSISTANT | UIUC
AUGUST 2014 - DECEMBER 2014 | UIUC

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

PROJECTS **LZW BMP | DENMARK TECHNICAL UNIVERSITY**

- Applied the LZW compression algorithm to bitmap images, text, and general binary files in C++
- Analyzed its compression ratios, running time, memory usage, and image quality.

RUST SSL | UIUC CS 460

- Created barebones versions of a few SSL/TLS cryptographic algorithms in Rust
- Components made: HMAC-SHA256, AES256, Diffie-Hellman

MUSIC SYSTEM | IEEE UIUC

- Built a collaborative music system in NodeJS and WebSockets for use on a Raspberry Pi
- Uses the YouTube API to search for songs and get the audio URL
- Uses the VLC Remote Control interface to add/queue songs by URL