Arsh Khandelwal

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EDUCATION

University of Illinois at Urbana-Champaign	**GPA: 3.54/4.00**
Bachelor of Science, Computer Science	*Expected: May 2019*

- Dean's List (Fall 2015)
- James Scholar Honors Student (Fall 2015 – Present)

SKILLS

Proficient: Java, C++, C, Verilog, MIPS, iOS Development (Objective – C), Git, Data Structures
Worked with: Web (HTML/CSS/JS in Angular), Python

WORK EXPERIENCE

Research Assistant, Cyber Security	**September 2016 to Present**
University of Illinois at Urbana-Champaign	*Champaign, IL*

- Cyber Security curriculum for an introductory Cyber Security class
- Gauged efficacy of our curriculum by administering assessments to current Cyber Security students
- Automated data analysis in Python for processing curriculum assessments given to users

iOS Intern	**May 2016 to August 2016**
Balbix	*San Jose, CA*

- Artificial Intelligence based cyber risk assessment platform for large enterprises
- Developed TCP/IP Network Scanner iOS application (Objective-C) capable of detecting up to 65,000 hosts
- Collaborated on development of Machine Learning feature-set for Network Analysis using iOS app data
- Researched mitigation scenarios for attacks on an enterprise network

IT Admin	**January 2016 to Present**
AITS Service Desk	*Champaign, IL*

- Help desk designed to resolve student and faculty technology problems regarding University applications
- Diagnosed and remotely resolved client IT issues over phone and email
- Authored knowledge base documents illustrating technical problems and solutions for the IT team

LEADERSHIP

Technology Chair	**December 2016 to Present**
National Organization for Business and Engineering	*Champaign, IL*

- Managed all club website maintenance and website content updates
- Led Technology Committee in weekly meetings and projects like a redesigned email newsletter and an automated attendance system
- Presented tech talks to NOBE on the benefits of technology and introductory programming skills

Course Assistant	**January 2016 to May 2016**
CS 125 – Intro to Object Oriented Programming	*Champaign, IL*

- Held Office hours for 2-3 hours a week
- Responsible for monitoring piazza for at least 3 hours per week

Eagle Scout	**August 2015**
Troop 508	*Saratoga, CA*

- Eagle Project consisted of crowdfunding, designing, and building a large planter box for a local church
- Instructed team on safe equipment usage and process, and donated leftover funds to church to purchase seeds for planting