

Arsh Khandelwal

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science, Computer Science

GPA: 3.48/4.00

Expected: May 2019

SKILLS

Proficient: Python, Java, C++, C, iOS Development (Objective – C), Data Structures, PostgreSQL

Worked With: Node.JS, React, Verilog, MIPS, JavaScript

EXPERIENCE

Software Engineering Intern

May 2017 to August 2017

Balbix

San Jose, CA

- Implemented a web labelling workflow for this Cyber Security startup's risk analysis deep learning model
- Built web UI for easy visualization and labelling of data, and laid the pipeline for training and redeploying the deep learning model automatically in AWS
- Improved model accuracy by 30% while also reducing the redundancies in data analysis
- Technologies used: Python, Node.JS, React, Postgres

iOS Intern

May 2016 to August 2016

Balbix

San Jose, CA

- 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
- Technologies used: Objective-C, C++, Node.JS

CAMPUS INVOLVEMENT

iOS Developer

May 2017 to Present

Expo Engineering Career Fair

Champaign, IL

- Responsible for creating iOS application for students to navigate UIUC's largest student run career fair
- Assisting in coordinating fair logistics, such as parking and shuttles services

Technology Chair

December 2016 to Present

National Organization for Business and Engineering

Champaign, IL

- In charge of managing all club website maintenance and content updates
- Leading Technology Committee in weekly meetings and projects like an automated attendance system
- Presenting tech talks on emerging tech as well as basic programming skills

Research Assistant – Cyber Security

August 2016 to May 2017

University of Illinois at Urbana-Champaign

Champaign, IL

- Assisted in curating an introductory Cyber Security course for undergraduate students
- Built survey and data analysis tools in Python for interviewing students and administering examinations

PROJECTS

Twitter Scraper – “Twoogle”

May 2017 to Present

- Scraping twitter by hashtags or usernames and performing unsupervised clustering to determine similarities

Messenger Bot – “CU Covers”

August 2017 to Present

- Facebook messenger bot for crowdsourcing current cover prices at local Champaign nightlife establishments