

Nikhil Wahi

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Education

University of Illinois at Urbana-Champaign

- B.S., Computer Engineering
- B.A., Economics
- Graduation: December 2017
- Dean's List (Spring 2014, May 2013)
- GPA: 3.50/4.00

Coursework

- Computer Systems Engineering
- Algorithms
- Database Systems
- Data Structures
- Digital Systems
- Inter Microeconomic Theory
- Inter Macroeconomic Theory
- Economic Statistics

Skills

- Proficient in Object Oriented Programming (C++, Java, Python, Ruby)
- Experience with MySQL, Redis DB, ReactJS, JQuery, Chef
- Familiar with NLTK, AWS, Assembly, Flask

Experience

CEB Inc.

Data Science Intern

Champaign, IL
January 2016 - Present

- Implemented a semantic analyzer using the Stanford NLP tools to extract dependency relations from unstructured text. Used a combination of shallow and deep parsing to recognize meaningful dependency trees
- Engineered a sentiment analyzer using SenticNet, VaderSentiment and Stanford NLP tools to obtain insights for clients

NextCapital Group

Software Engineering Intern

Chicago, IL
May 2016 - August 2016

- Implemented a deployment project using Vagrant and Chef for a wide range of server types. Developed ruby automation scripts for the deployment process. Built a chef-knife plugin to pack AML's directly from Chef run-lists
- Designed and programmed reusable front-end components using React and Redux
- Led the back-end team in a company-wide hackathon to build a kegerator level-meter application using Flask

BluePrint

Project Manager

Champaign, IL
August 2015 - May 2016

- Spearheaded projects to design and implement websites for student organizations
- Coordinated and delegated tasks as Team Leader
- Identified and signed new clients through targeted marketing
- Negotiated with current clients and facilitated project needs

Infoedge India Ltd.

Software Engineering Intern

Noida, India
June 2015 - August 2015

- Constructed a MySQL slave health monitoring tool. Exposed collected data through Java-based RESTful web service for consumption by different processes. Used Redis DB, JSON, Jersey
- Developed a cross-platform mobile application that was used for 99acres.com sales pitches. Wrote backend PHP RESTful service/library to support the app. Used a combination of HTML, CSS, JavaScript, AJAX and PhoneGap

University of Illinois at Urbana-Champaign

Course Assistant for Intro to Computer Science

Champaign, IL
August 2014 - December 2015

- Helped students overcome technical challenges of the course while working closely with the professor
- Gained valuable teaching experience, problem solving skills and deep knowledge of course material

Projects

RidingIllini

- Developed a cross-platform mobile application to consume the Champaign-Urbana Mass Transit District REST API and provide real time bus schedules for stops in the CU area
- Developed using a combination of HTML, CSS, JavaScript, AJAX and PhoneGap

C++ Database Management System for Teachers

- Created a DBMS with CRUD abilities for teachers to manage student grades
- Added sorting and graphing capabilities for student performance analysis through a visual interface