Aparajitha Adiraju

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in aparajithaadiraju ○ apa-123

EDUCATION

University of Illinois at Urbana-Champaign | *B.S. in Computer Engineering* **May 2021**

Chancellor's Scholar, James Scholar, Dean's List GPA: 3.70

<u>Relevant Coursework</u>: Operating Systems, Algorithms, Distributed Systems, Data Structures, Digital & Analog Signal Processing, Machine Learning

KTH Royal Institute of Technology | *Exchange Semester* **Spring 2020**

EXPERIENCE

Microsoft | *Software Engineering Intern*

May 2019 – August 2019

- Designed and implemented a Truck Routing mobile application using the Bing Maps Truck Routing API and Bing Maps SDK V8 for Map Control using Xamarin and C#

Capital One | *Software Engineering Intern*

May 2018 – August 2018

- Implemented an internal budget management web application using the Ruby on Rails MVC framework and PostgreSQL
- Deployed application to production using AWS

OTCR Consulting | *Consultant*

January 2018 – January 2019

- Microsoft (Fall 2018): Working on a cloud services support platform for Microsoft Azure
- BP (Spring 2018 & Summer 2018): Implemented web application using Salesforce Lightning Design and wrote technical documentation for BP internal application used by 500+ runners worldwide

LEADERSHIP

University of Illinois | *Course Assistant*

August 2019 – Present

- ECE 391 Operating Systems: Assisted in course logistics and held office hours for concepts such as multithreading, memory management, filesystems, systems calls, and more in assembly x86 and C

January 2019 – May 2019

- CS 225 Data Structures: Led lab sections and held office hours for concepts such as arrays, linked lists, trees, and graphs in C++

HackIllinois | *Director*

September 2017 – April 2019

- Planned the nation's premier open source hackathon with 1100+ attendees
- Managed over 40 multidisciplinary staff on Design, Outreach, Experience, and Systems teams
- Contacted companies to arrange corporate sponsorships for HackIllinois (had 24+ sponsors this year & 50+ open source mentors)

CS 196 | *Course Assistant*

August 2018 – January 2019

- Managed team of 6 students to design, implement, and deploy features on OpenStreetMap as a technical project manager

SKILLS

Languages: C++, Python, C, x86, C#, Java, Ruby, HTML/CSS, JavaScript

Tools & Technologies: React, Flask, PostgreSQL, Rails