

# Divey Anand

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## EDUCATION

### University of Illinois at Urbana-Champaign

Bachelor of Science (B.S.) in Computer Science & Minor in Applied Statistics

May 2021

GPA: 3.61/4.00

**Relevant Coursework:** Machine Learning, Algorithms, Distributed Systems, Deep Learning, Natural Language Processing, Computational Advertising, System Programming, Software Design, User Interface Design, Database Systems, Applied Regression, Probability & Statistics, Statistical Analysis

## EXPERIENCE

### ServiceNow

Associate Systems Engineer / Data Analyst

August 2021 - Present

Santa Clara, CA

- Blueprint and develop ServiceNow platform-based indices for tracking Key Performing Indicators for the IT Core Services Team
- Fulfill Business Intelligence requests for data mining, metric analysis, and visualizing reports and dashboards

### DRW Trading

Software Development Intern (Part-time)

August 2020 - December 2020

Remote / Chicago, IL

- Implemented/refactored data normalization workflows for various stock exchanges (market data) to improve search indexing and data retrieval performance for the Research Infrastructure (RI) team

### ServiceNow

Systems Engineer Intern

May 2020 - August 2020

Remote / Santa Clara, CA

- Co-developed an application using Javascript, Azure and LogicMonitor for tracking usage and performance metrics for Azure Virtual Machines and making VM resizing and business hour recommendations based on these metrics

### HealthEdge Software

Software Engineering Intern

June 2019 - August 2019

Burlington, MA

- Designed and implemented automated systems to install and upgrade HealthRules products using Bash/Python scripts and Ansible playbooks, saving the team 4 hours per week
- Provisioned new VMs in VxRails for emulating staging and production environments to test, verify, and enhance functionality of automation scripts

## RESEARCH

### Innovations in Student Employment at the University of Illinois (for CS 265)

August 2019 - December 2019

- Conducted research project to study how student employment at the university evolved over time and with technology
- Developed a campus-wide survey, performed archival data collection, and performed alumni interviews

## PROJECTS

**SoccerViz:** Visualization showcasing the spatial dynamics of soccer, focusing on shot placement on goal, pass distance, and assist origination. Built for CS 465: Social Visualization using Javascript, d3.js, and the StatsBomb dataset

**QuakeWatch:** Interactive Java Applet that parses geo-spatial and statistical earthquake data provided by the United States Geological Survey, and visualizes it on a live map. Built using Java, Google/Microsoft Maps API, UnfoldingMaps, Processing Graphics Library

**MovieLens Rec:** Simple movie recommender system based on user watch history and content similarity. Built with Python

## ACTIVITIES & LEADERSHIP

### HackIllinois

Outreach Team Member

May 2019 - February 2020

Champaign, IL

- Worked with 30+ company sponsors and 100+ open-source contributors to organize UIUC's annual hackathon
- Created content and devised strategy for the HackIllinois blog based on event timing to maximize attendance

### Office of New Student Programs

Orientation Leader

August 2019

Champaign, IL

- Facilitated and organized New Student Programming for over 7500 incoming students
- Oriented a group of 24 international students to smoothen their transition to college

### Department of Computer Science — UIUC

Course Assistant - Introduction to Computer Science

January 2018 - May 2018

Champaign, IL

- Co-conducted a lab section and held office hours for topics like object-oriented Java development, control flow, code style, etc.

## SKILLS

**Languages:** Python, Java, C, C++, Javascript (React, Node.js), R, Bash, HTML, CSS, Haskell, YAML

**Tools & Tech:** Agile, Android, Ansible, API-driven development, Azure, Git, Logic Monitor, MongoDB, SQL, Test-driven development, PyTorch, pandas, NumPy, scikit-learn, nltk, matplotlib, seaborn, Jupyter