

# DIVEY ANAND

✉ [diveya2@illinois.edu](mailto:diveya2@illinois.edu)  
🐙 [github.com/diveyanand](https://github.com/diveyanand)  
🌐 [linkedin.com/in/diveyanand](https://linkedin.com/in/diveyanand)  
🌐 [diveyanand.github.io](https://diveyanand.github.io)

## EDUCATION

### UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

B.S. in Computer Science  
+ Minor in Applied Statistics  
College of Engineering  
Expected May 2021  
Cum. GPA: **3.47/4.00**

Engineering Dean's List  
James Scholar Honors Program

## SKILLS

### PROGRAMMING LANGUAGES

Experienced: Java • Bash

Familiar: Python • C++ • YAML

Beginner: Javascript • HTML5 • CSS3 • LISP (Scheme) • LATEX

### TOOLS & TECHNOLOGIES

Visual Studio • Jupyter • MySQL • Ansible • Linux • Git • Subversion

## COURSEWORK

Data Structures  
Software Design Studio  
Intro. Machine Learning  
Object-Oriented Programming  
Discrete Structures  
Numerical Methods  
Computer Architecture  
Intro. Functional Programming  
Statistics and Probability  
Statistical Analysis  
Linear Algebra  
Data Visualization  
Leadership Development

## EXPERIENCE

### HEALTHEDGE SOFTWARE, INC.

Engineering Intern

June 2019 – Aug 2019  
Burlington, MA

- Automated the installation and upgrade of HealthRules products for staging and release environments using Bash scripts and Ansible playbooks
- Provisioned new Virtual Machines in VxRails to test, verify and enhance the functionality of automation scripts

### OFFICE OF NEW STUDENT PROGRAMS

Orientation Leader

Aug 2019  
Champaign, IL

- Facilitate New Student Programming for incoming students
- Take charge of a small group of students to help them settle in and guide them on how to have a fulfilling college life

## ORGANIZATIONS

### HACKILLINOIS 2020

Outreach Team

May 2019 – present  
Champaign, IL

- Contact and work with company sponsors to fund UIUC's annual Open Source hackathon
- Reach out to Open Source contributors to mentor attendees
- Create content and devise strategy for the HackIllinois blog

### CS 125: INTRODUCTION TO CS

Course Assistant

Jan 2018 – May 2018  
Champaign, IL

- Co-conducted Lab Sections and hosted Office Hours to teach Java development and Computer Science fundamentals

## PROJECTS

### QUAKEWATCH Live Data Visualization

Java • UnfoldingMaps API • Processing Graphics

Interactive Java applet that parses geo-spatial earthquake data from the US Geological Survey and visualizes it on a live (Google) map

### MOVIELENS REC Recommender System

Python • pandas • numpy • scikit-learn

Basic movie recommender system that suggests movies on the basis of watch history and similarity of titles

### SPACE IMPACT v2 Game Development

C++ • openFrameworks

Single-player arcade style shooter game with randomly generated 'enemies' and high score support

### SIMPLE RSA Functional Programming

Scheme • DrRacket

Program that uses an asymmetric cryptographic algorithm to emulate a basic public/private key RSA device