

# DIVEY ANAND

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## EDUCATION

### University of Illinois at Urbana-Champaign

BS in Computer Science  
+ Minor in Applied Statistics  
Expected May 2021  
Cum. GPA: **3.47/4.00**  
Engineering Dean's List  
James Scholar Honors Program

## SKILLS

### Languages

Java • Python • C++ • bash •  
YAML • JavaScript • HTML/CSS •  
LISP • SQL • LATEX

### Tools & Technologies

Visual Studio • Eclipse • Jupyter •  
Android Studio • Ansible • vim •  
Git • Subversion

## COURSEWORK

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

## EXPERIENCE

### HealthEdge Software, Inc.

Engineering Intern June 2019 – present  
Burlington, MA

- Wrote bash scripts and Ansible playbooks to streamline and automate the installation and upgrade of the company's product suite
- 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 (upcoming)  
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 contributors from the Open Source community to mentor attendees on projects
- Create content and devise strategy for the HackIllinois blog

### CS 125: Introduction to Computer Science

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 • Google Maps API • UnfoldingMaps API • Processing Graphics  
Interactive Java applet that parses geo-spatial earthquake data from the US Geological Survey and visualizes it on a live 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 Game Development Library  
Single-player arcade style shooter game with randomly generated 'enemies' and high score support

### Simple RSA

Functional Programming  
Scheme [LISP] • DrRacket  
Program that uses an asymmetric cryptographic algorithm to emulate a basic public/private key RSA device