

DIVEY ANAND

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

Current (Fall '19)

Algorithms & Models of Comp.
Intro. Natural Lang. Processing
Numerical Methods

Past

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