

Bhuvan Venkatesh

DATA SCIENTIST · ML ENTHUSIAST

Education

University of Illinois at Urbana-Champaign

MASTER OF COMPUTER SCIENCE

- Graduated with 3.91 GPA
- Focus Area of Machine Learning and Human Computer Interaction

University of Illinois at Urbana-Champaign

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

- Graduated Honors with 3.71 GPA
- Focus Area of Machine Learning and Big Data

Experience

University of Illinois at Urbana-Champaign

HEAD TEACHING ASSISTANT - SYSTEMS PROGRAMMING

- Organized roughly 20 course assistants to innovate on teaching methods
- Co-Authored an open source textbook for class to use
- Led nerdy lab sections of 30 people to help students brush up on concepts

Facebook

U.S. ELECTION INTEGRITY DATA SCIENCE INTERN

- Developed trash news detection algorithm to identify low quality political news for the upcoming election
- Detected about one 1 million “junk” views a day spanning over 2000 pages
- Landscaped the political discourse ecosystem with series of research reports

University of Illinois at Urbana-Champaign

COURSE ASSISTANT

- Co-Taught honors class of about 50 Students about advanced systems programming
- Mentored groups of students through cool semester long systems projects
- Tutored students during office hours to help them through conceptual problems

University of Illinois at Urbana-Champaign

RESEARCHER/STAFF MEMBER AT THE ILLINOIS DATA SCIENCE INITIATIVE

- Investigated different cloud platforms pros and cons with respect to graph processing
- Compared the methods for doing a simple Laplacian dimensionality reduction for community detection
- Taught applied cloud computing class of 30 students with a semester-long project

Fitbit

SLEEP STAGES SOFTWARE ENGINEERING INTERN

- Developed and architected back-end Java/Scala microservices for new product
- Documented infrastructure and integration for the sleep stages product
- Accelerated team’s velocity by implementing user stories and fixing bugs

Writing & Presentations

Systems Programming Coursebook

CO-AUTHOR

- Open source introduction to systems programming complete with illustrations, proofs, and references
- <https://github.com/illinois-cs241/coursebook>

17th Annual Information Ethics Roundtable

PANELIST/PRESENTER

- Hosted a discussion-based panel about algorithmic unfairness in practice
- Developed general guidelines for acting ethically within an organization
- Participated in discussion other conference attendees hosted

Skills

SPECIALIZATIONS

Data Science, Machine Learning, Cloud Systems

LANGUAGES

Python, R, C/C++, Ruby, Javascript

TECHNOLOGIES

Linux, Spark, Cassandra, Hadoop

Awards

TOP 10% OF TEACHING ASSISTANTS


As Ranked by Students

DEANS LIST

Fall 2017 and Spring 2018

Work

 bhuvy2

 bhuvy2

 bhuvy.com

Urbana, Illinois

August 2018 - March 2019

Urbana, Illinois

August 2015 - March 2019

Urbana, Illinois

August 2018 - May 2019

Menlo Park, California

May 2018 - August 2018

Urbana, Illinois

August 2016 - May 2018

Urbana, Illinois

January 2017 - January 2018

San Francisco, California

May 2017 - August 2017

University of Illinois

January 2018 - PRESENT

Boston, Massachusetts

April 2019