

Vedant Puri

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Education

Cornell University

M.ENG IN COMPUTER SCIENCE

May 2020

University of Massachusetts Amherst

B.S. IN COMPUTER SCIENCE | SUMMA CUM LAUDE

- Member of Commonwealth Honors College
- GPA: 4.0/4.0

May 2019

Skills

Programming/Scripting Python, Java, PHP, Bash, C, C++, HTML, CSS, MySQL
Frameworks/Tools Scikit-Learn, Git/GitHub, Django, SVN, Google Charts API
Developer Environments Eclipse, PyCharm, Linux, Virtual Box, JGrasp

Experience

Ernst & Young

SOFTWARE DEVELOPMENT INTERN

Mumbai, India

Aug 2018

- Worked on a tool helping companies to automate identifying relevant information to avail GST credit on airline invoices
- Used third party RPA software systems to automate routine tasks in companies primarily for cost cutting

Talentrack

SOFTWARE DEVELOPMENT INTERN

Delhi, India

Jul 2017

- Developed an internal analytical tool for the company by developing & deploying various automated PHP scripts
- Created an easy to use web interface with several filters and a visual representation of the data using Google charts

TechMahindra

PRODUCT DEVELOPMENT INTERN

Delhi, India

Jul 2016

- Created demonstrations of core smart cities' technologies including Internet of things (IoT), SCADA etc
- Conceptualized features for a visitor's app, 4 of which were accepted and incorporated by the company in the app

Magnon\TBWA

FRONT END WEB DEVELOPER INTERN

Delhi, India

May - Jul 2014

- Involved in a team responsible for building a digital marketing platform. Understood various web hosting environments
- Created a website for a club at high school using WordPress, familiarized myself with MySQL, integrated Facebook APIs

Projects

Pyosphere: A script to make python imports easy

Jul 2018

- Collaborated to write a bash script that accumulates virtual copies of all necessary files for a python project.
- Created a distribution of the software on homebrew for ease of download for macOS users.

Nutshell (In Progress): A macOS app to perform tasks in Natural Language

Nov 2017 - Present

- Developed and tested entire Natural Language capability of this application using Python.
- Collaboratively wrote several bash scripts that added to the features of the application.

Universale: A Web application for college students to buy/sell items

May 2018

- Worked with a team to create a Django application from scratch.
- Ideated and developed most features on the back-end plus solved several bugs faced by other members of the team.

Emoji Prediction: A program to predict an emoji for a given tweet

Dec 2017

- Pre-processed data to obtain a better representation of the same.
- Collaboratively implemented several machine learning models and natural language techniques using popular libraries

Leadership Experience

2018 **Undergraduate Course Assistant:** CMPSCI-377 (Operating Systems)
2017 **Undergraduate Course Assistant:** CMPSCI-230 (Computer System Principles)
2016 **Grader:** CMPSCI-187 (Data Structures & Algorithms)

Honors & Achievements

2019	Outstanding Undergraduate Achievement: Among top 6 students in entire graduating class of Computer Science
2015-2018	Dean's List: Top 10% of students in the university (All semesters)
2018	Honor Societies: Member of Phi Kappa Phi & Phi Beta Kappa
2017	Course Citation: CMPSCI-311 (Algorithms): Among top 5% of few thousands of students over the years
2017	Outstanding Academic achievement: Certificate awarded by Phi Kappa Phi Honors Society
2016	Course Citation: CMPSCI-187 (Programming with Data Structures): Among top 7 out of about 200 students

Online Courses

- Natural Language Processing (*Microsoft*)
- Cryptography (*University of Maryland*)
- Usable Security (*University of Maryland*)
- AWS: Associate Developer (*Udemy*)
- AWS: Solutions Architect (*Udemy*)
- Linux (*Udemy*)
- HTML, CSS, Javascript (*Honk Kong University of Science and Technology*)

Extracurriculars

- **Represented India** from Bhaichung Bhutia Football Schools in Euro Sporting Youth Tournament - Rimini, Italy.
- Coached by a **UEFA** licensed and ex- Fulham FC Coach Jose Tavares.
- Promoted the U17 Football World Cup as a part of All India Football Federation's (**AIFF**) youth development program.
- Participated and won **8 – 10** district and inter school soccer tournaments.

Volunteer Service

- Coached under privileged children (under 12) in soccer for Jan Seva Samiti (NGO).
- Taught under privileged children mathematics and English under the home tuition program of Jan Seva Samiti.
- Taught under privileged children of Vidya and Child (NGO) Microsoft Office and usage of few other essential software.