Vedant **Puri**

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Education

University of Massachusetts Amherst *May 2019*

B.S. IN COMPUTER SCIENCE
- Member of Commonwealth Honors College
- **GPA: 4.0**/4.0

Skills

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

Experience

Ernst & Young *Mumbai, India*

SOFTWARE DEVELOPMENT INTERN *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 *Delhi, India*

SOFTWARE DEVELOPMENT INTERN *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 *Delhi, India*

PRODUCT DEVELOPMENT INTERN *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 *Delhi, India*

FRONT END WEB DEVELOPER INTERN *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 *Jul 2018*
- Simulates a flattened execution environment for python projects
- Allows developers to maintain complex directory structures without the need for boilerplate import code

Nutshell (In Progress) *Nov 2017 - Present*
- Uses Natural Language Processing to provide simplified abstractions for complex system tasks
- Built with high scalability and flexibility in mind, with multi-layer application abstractions

Universale *May 2018*
- Uses a Django framework to create a web app for college students to buy/sell items, services etc
- Supports searching for products, flagging/unflagging items, creating/editing a profile, uploading/deleting a product

Multilingual Emoji Prediction *Dec 2017*
- Predicts an emoji based on a given tweet (English and Spanish). Limited to top 20 emojis given by SemEval 2018
- Uses several Machine Learning models and Natural Language Processing Techniques to achieve best results

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

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

- Natrual Language Processing *(Microsoft)*
- Cryptography *(Univeristy of Maryland)*
- Usable Security *(Univeristy 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.