

Vedant Puri

☎ (+1) 413-406-4931 | ✉ vedantpuri13@gmail.com | 🏠 vedantpuri.github.io | 🌐 vedantpuri | 🌐 vedantpuri

Education

Cornell University

Sep 2019 - May 2020

M.ENG IN COMPUTER SCIENCE

- **GPA: 4.109/4.0**
- **M.Eng Project:** Working with Prof. Claire Cardie to conduct further NLP research in argument persuasion and text-style transfer.

University of Massachusetts Amherst

Sep 2015 - May 2019

B.S. IN COMPUTER SCIENCE | SUMMA CUM LAUDE

- **GPA: 4.0/4.0**
- **Relevant Courses:** Operating Systems, Secure Distributed Systems, Databases, Web Programming, Formal Lang. Theory, AI, ML, NLP

Skills

Programming/Scripting

Python, Java, PHP, React, Bash, HTML, CSS, C/C++

Frameworks/Tools/Libraries

Django, Redis, Celery, Jenkins, K8s, AWS (Aurora, S3, EC2), PGAnalyze, Docker, NumPy, PyTorch

Databases

Postgres, MySQL, Clickhouse

Experience

Klaviyo Inc.

MA, USA

SENIOR SOFTWARE ENGINEER

Mar 2022 - Present

SOFTWARE ENGINEER

Jul 2020 - Mar 2022

- Currently working on a project to improve Klaviyo's core segmentation pipeline performance.
- Designed and Developed abstractions and generic tooling (to be used by all engineering teams) for Klaviyo's V3 API.
- Stabilized and scaled parts of existing systems and designed and implemented new scalable systems with a full-stack approach.
- Improved Service Boundaries, automated workflows, and improved team processes and documentation.
- Onboarded other engineers to the team as well as defined and scoped a summer intern project and mentored the intern.

Ernst & Young

Mumbai, India

SOFTWARE DEVELOPMENT INTERN

Aug 2018

- Worked on a tool helping companies to automate identification of 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

- Designed and developed an analytical tool providing valuable insight into the reach/popularity of the company's product.
- 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.

Projects

ParLAI (Facebook Research) — Python

- Implemented Circle CI dependency caching, improving dependency loading time by ~ 92%.
- Abstracted away ParLAI's chat bot from messenger. Implemented a chat service using base API on the terminal.
- Developed a script to render images (to be used in research papers) of human-bot conversations in a messenger like style.

Independent Study (IESL UMass Amherst) — Python, PyTorch

- Developed a script from scratch to perform shallow semantic parsing for scientific procedural texts.
- Wrote an easily tunable program that will be used by the lab as an essential component for a larger project.

Universale — Django, HTML, CSS

- Provides an exclusive web marketplace for college students to create their profiles and buy/sell items.
- Bridged the DB and front-end by parameterizing the code and removed redundancies, reducing code size significantly.
- Developed core features like form data handling and user login management, while solving several bugs faced by the team.

Script Stash — Bash

- Open Source project that supplies developers with a collection of simple scripts that automate tedious and repetitive tasks.
- Developed a script to update the brew formula to your latest package release with an option to auto-commit to brew tap.
- Implemented a script to change necessary settings and files to update a Django project name, making the process much easier.