Yashh Jaggi

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EDUCATION

- **University of Southern California** — Los Angeles, CA
  Viterbi School of Engineering — August 2022–May 2024
  Master of Science in Computer Science; GPA: 4.00

- **University of Pune** — Pune, India
  Bachelor of Engineering in Computer Engineering; GPA: 9.42/10.0 — August 2016–May 2020

SKILLS

- **Languages:** Java, Python, C, C++, C#, Typescript, Node.js, PHP, Javascript, JQuery, ReactJS, AngularJS, HTML, CSS.
- **Technical Skills:** Git, SQL, PostgreSQL, PostGIS, MongoDB, Docker, GCP, AWS, API Development, Django, Flask, Kubernetes, Jenkins, Azure DevOps, Atlassian Bamboo, Selenium, FastAPI, Tableau, XML, JSON, Pandas, NumPy, TensorFlow, scikit-learn, PyTorch, Data Visualization.
- **Soft Skills:** Fast learner on the job, Disciplined, Team-first attitude, Collaborative, and able to meet deadlines.

EXPERIENCE

- **Persistent Systems** — Pune, India
  Software Engineer-Level 2 — October 2020-July 2022
  ◦ Developed Static Application Security plugins for Atlassian Bamboo, Azure DevOps, Jenkins, VSCode & CLI.
  ◦ Developed Common API to make them lightweight and improve their efficiency.
  ◦ Migrated SOAP API calls to REST API calls for the Atlassian Bamboo plugin to reduce latency by 40%.
  ◦ Worked with Typescript, NodeJS, Java, Git, JQuery/Javascript, HTML, XML, CSS, Postman API, tools like Maven & Gradle; CI/CD tools like Jenkins, Azure DevOps and Atlassian Bamboo; Windows services and Tomcat server.

- **Chistats Labs** — Pune, India
  Research Project Intern — August 2019-March 2020
  ◦ Scrapped web data from 100+ privacy policy webpages and made it noise-free by using data cleaning techniques.
  ◦ Developed Logistic regression model to categorize sentences and Seq-to-Seq Long-Short-Term memory(L.S.T.M) models to grade harmful policies.
  ◦ Developed a WebPortal in Django/Python and Android application to host the above models.
  ◦ Worked with SQL, Python, Django, Android, scikit-learn, Selenium, HTML, CSS, and Javascript.

- **Union Bank of Switzerland (UBS)** — Pune, India
  Software Developer Intern — May 2019-August 2019
  ◦ Helped improve answer rate by 20% by developing a k-means model to cluster unresolved queries and a custom BERT transformer to generate answers for those queries.
  ◦ Developed a dashboard for the customer service team and API endpoints for the dashboard to query.
  ◦ Worked with Microsoft Azure to deploy API endpoints, Flask, Python, HTML, Bootstrap, and JQuery.

- **ForgeAhead Solutions** — Pune, India
  Web Development Intern — Nov 2017-Jan 2018
  ◦ Developed a Leave Management System used by 5000+ internal employees to log their leaves in the system.
  ◦ Worked with Django, AngularJS, and Python.

PROJECTS

- Solved DNA Sequence Alignment problem using Divide & Conquer and Dynamic Programming under Dr Shahriar Shamsian.
- Diabetic Retinopathy Prediction: Predicting Diabetes using Convolutional Neural Network on public datasets.
- Leave Management System: Django-built Portal for employees to apply for leaves and managers to track them.
- Assignment Submission Portal: Web portal for students to submit assignments built using Java servlets.