

**SUMMARY:** Presently looking for a Summer Intern position in **Intelligent Apps / machines** industry.

#### RESEARCH EXPERIENCE

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- **Word Learning Project:** Working as **Research Assistant** in CU Language Project- Colugna Lab. Working on modelling how children learn language/things over time.
- **Second Brain in the world of IOT's:** It aims to build a knowledge base (like that formed in brain) of the people's day to day activities like the videos watched, the social activity, documents read, web history.
  - As part of data gathering, developed applications for Android, Chrome (browser), media player (VLC) and some websites. Presently working on Intelligence engine and Visual Representation of knowledge.
- **Advanced data analytics for better decision making:** This project aims to simplify the process of Decision Making by actively fetching news or data from various sources and shows the compressed data by performing classification, clustering and summarization on the data (articles + comments).
  - Fuzzy logic and data mining algorithms are used in getting the relevant analytics.
- **Downloading using multiple Internet Connections:** Developed a novel network distribution mechanism, where a single network intensive task is split among multiple network interfaces.
  - Got an Indian Provisional Patent for this project in 2011. The same concept was later released to public as Dispatch by the company Conntectify in 2013, by raising some millions of dollars through a kickstarter campaign.

#### EDUCATION:

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<b>Master's in computer science</b> Specializing in Artificial Intelligence. Presently working on graphs, data analysis, machine learning and natural language processing.	<b>University of Colorado at Boulder</b>	<b>Aug 2014 - Present</b>
<b>Bachelors in Information Technology</b> <b>GPA: 8.91 / 10.</b> Worked on various research projects like image processing, data analysis and Artificial intelligence.	<b>VIT University, India</b>	<b>Aug 2007 – May 2011</b>

#### EMPLOYMENT

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<b>Research Assistant</b> Working on a cognitive science project under Prof. Eliana Colugna. Responsible for full technology development of the project, from data collection to building learning models.	<b>University Of Colorado Boulder</b>	<b>Oct 2014 – Present</b>
<b>Software Engineer</b> Recruited as 1 <sup>st</sup> employee. Played a key role in the ideation of the product and also in the company's latest product into wearable technology. Learned and implemented various agile and lean-start-up methodologies. Mobile Payments Platform Lead a team of size 9, including developers, UI designers and testers. Designed and implemented the product by following high secure architectures. Developed a product recommendation engine using Collaborative Filtering and LSH techniques. Created and managed all the cloud processes and the version control systems of the product. Also worked for some time on mobile app development for windows and iPhone.	<b>Pensio Technologies</b>	<b>Dec 2011 – Sep 2013</b>
<b>Internship</b> Developed an efficient online document parsing module (like GoogleDocs) using java, which is used in the development of a patented online-collaboration tool. Learned and experienced project management skills.	<b>Ooconn Solutions</b>	<b>Jan 2011 – April 2011</b>

#### HONORS AND AWARDS

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- Received Indian Provisional **Patent** in 2011 for one of my project on networking.
- Received 1st prize in two Hackathons conducted in Hyderabad, India.
- Received God Medal for my meritorious performance in High school, and so received 75% scholarship for further studies.

#### LANGUAGES AND TECHNOLOGIES

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**Programming Languages:** Node.js (JavaScript), Python, Ruby on Rails, C/C++, J2EE, Obj. C, and HTML.

**Database:** NoSql (Mongo DB), MySQL.

**Environments:** Matlab, Hadoop, Azure, AzureML and EC2.