

# Pramodh Mazumdar

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## SUMMARY

Computer Science grad at ASU with previous experience of two years in Full stack web development. Interested in web, full stack development, data mining and visualization. Currently looking for software engineer roles from May 2018.

## EDUCATION

**Masters, Computer Science** Arizona State University 3.67 CGPA May 2018

*Relevant courses:* Data Visualization, Data Mining, Distributed Database systems, Adaptive Web, Human Computer Interaction, Mobile Computing, Artificial Intelligence, Software Security, Foundations of Algorithms

**B. Tech, Computer Science** VIT University, Vellore 3.13 CGPA May 2014

## SKILLS

<b>Programming Languages</b>	Java, Ruby, Python
<b>Web Development</b>	Ruby on Rails, JavaScript, React JS, Angular JS, Meteor JS, Rspec, HTML5, CSS3, SCSS, JQuery
<b>Environments and Tools</b>	Ubuntu Linux, Git, Heroku, AWS, Android, Matlab, Spark, Hadoop
<b>Databases</b>	MySQL, MongoDB, Postgres, Redis, Neo4j
<b>Others</b>	REST API patterns, MVC Architecture, Microsoft Bot Framework

## PROJECTS & EXPERIENCE

**ASU** Aug 2016 – May 2018

- **ML benchmarking app:** Built android app to benchmark different ML algorithms like Support Vector Machines, K Nearest Neighbors, Naïve Bayes Classifier using Weka as a project in mobile computing course.
- **Classifying Iris dataset:** Classified and clustered various datasets like iris data, grain data using k-means, k-nearest neighbors, SVMs, feed forward neural networks using MATLAB in data mining course.
- **Personalized behavior tracking:** [Built](#) chrome extension and web app with usage stats for stackoverflow.com
- **Personalized Quiz app** built on **React**, personalizes questions based on collaborative user usage.
- **Estimated top 50 hotspots for taxi pickups** in NY from a dataset of taxi pickups using Spark. Also, implemented range, round robin partitions, range queries, parallel sorting and joining on a Postgres database as part of Distributed Database Systems.

**Looksmash (Tech Advisor, Lead Developer)** Apr 2015 – June 2016

- My duties involved advising on and leveraging technologies for the backend and frontend of a curated fashion web app, building the backend, deployments and managing the project.

**Codebrahma Technologies (Software Development Engineer)** Dec 2013 – Mar 2016

- My duties involved project management, meeting and gathering requirements from clients, *designing and developing* web apps and their APIs, testing, deploying and maintenance.
- **Developed** a 'job and user recommendation engine' for a job portal and its sister site (an applicant tracking system) using k-means clustering to identify similar groups.
- **Built the core backend** of the job portal and ATS with payment system (Stripe) along with frontend, TDD (unit testing using Rspec). Used Ruby on Rails, Postgres, Neo4j, Redis and AngularJS. Built internal search with Solr.
- **Built a slack clone** on top of an open source real time chat application (rocket chat) to accommodate for teams, integrations (bots) for Github, Twitter, Stripe (via webhooks) on MeteorJS and MongoDB.
- **Developed a product discovery platform** with a tag-based search functionality and product price retrieval using Phantom JS, Isotope JS, Meteor JS and MongoDB.

**State Bank of India (Software Engineer Intern)** June 2013

- **Redesigned** an intranet site used by hundreds for a cross browser, faster and optimized site.

## Other Projects

- Participated in Hack AZ 2017, built [android app](#) and [bot](#) using Microsoft cognitive services, bot framework.
- Participated in AZ Hack Day and [experimented](#) with AR js, A Frame and Three js for the web.
- Designed and developed VIT University tech fest site [graVITas](#) 2013 for the year 2013.
- Developed various PHP projects in undergrad like a [Supermarket Management System](#), [Project Management Portal](#) for CSE dept. in college, a [Hostel Room Allocation System](#), more on [Github](#)