Dhawal Joharapurkar

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Objective

- Looking for full-time product management roles. Experienced in working on cross-functional teams with engineering, marketing and design members. Contributor and involved community member of several popular applications.

Education

- University of California — **Master's in Computer Science** |*2016 - 2019* Santa Cruz, CA
  Teaching Assistant for 8 courses [Evaluations]; mentored over 50 student projects
- Manipal Institute of Technology — **B.Tech in Computer Science** |*2011 - 2015* Manipal, India
  Technical Secretary, IEEE Student Chapter; led organization of several technical competitions

Experience

- Amazon.com — **Applied Scientist Intern** |*Summer 2019* Palo Alto, CA
  - Created an algorithm to rank new products in accordance to their future projected activity and not rank lower because of lack of data. This is called the "cold-start" problem. Reduced deployment effort by 12.5%
  - Worked on a cross-functional team of scientists, engineers, and business analysts to identify priority products, build model templates, implement and test models. Focused on Christmas/Holiday gift products.
- Lam Research — **Intern** |*Summer 2018* Fremont, CA
  - Conducted a strategic review with engineering managers across business-units to create a standardized Python development environment, reducing codebase integration costs by 30%
  - Worked with a team of subject matter experts and knowledge management directors to build word-embeddings for Lam Knowledge Documents. Provides data to machine learning systems.
- Chobanian Group — **Intern** |*Summer 2017* San Jose, CA
  - Deployed a relational joint-model to identify experts in large delivery organizations for customer support case assignment. Improved case resolution times by 45%
  - Designed, and created a chatbot for business analysts to query sales information using natural language, and get results via a chat interface.

Projects

- **User Expertise Detection in Online Communities** Identification of experts based on network topology, interaction graphs and local features such as post strength, experience information, etc. Predicted "accepted answer" with an accuracy of 87% for 5M users dataset.
- **Effects of Social Influences on Culinary Preferences** Modelled the influence of a friend network on the culinary choices of individuals using collective classification. Achieved an accuracy of 94% and recall of 97%.
- **Other Projects**: https://dhawaljoh.github.io/2019/projects/

Skills

- **Technology**: Python, Java, Databases, Git, MS Office, Machine Learning, Data Science, Web Development
- **Business**: Feature planning, Requirement analysis and specifications, Software project management, Cross-functional team member, Data Analytics

Publications

- **Dhawal Joharapurkar**, Vaishak Salin, Vishal Krishna **Online Adspace Posts' Category Classification**
  12^{th} International Conference on Natural Language Processing, 2015