BURDE PRERANA KAMATH

✉ bkamath@iu.edu 📞 812 955 1678 📍 Maineville, OH 👤 preranakamath in prerana.kamath 🐙 preranakamath

OBJECTIVE

To obtain a full-time job opportunity that utilizes my computer science knowledge and analytical skills combined with an optimistic attitude to gain career experience in Computer Science.

EDUCATION

Indiana University, Bloomington, IN   *May 2018*
Master of Science in Computer Science, CGPA: 3.58/4.0
Member of Indiana Women in Computing Association

BITS - Pilani, Dubai, United Arab Emirates   *June 2016*
Bachelor of Engineering in Computer Science, CGPA: 8.26/10.0
Leadership: Captain of the Table Tennis team 2012-2016, Captain of the Volleyball team 2015-2016
Core member and editor for ACM.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, Angular JavaScript, HTML5, CSS
Tools/Applications/Framework: Django, Jira, Git, Jenkins, Spring, Hibernate, Docker
Database: MySQL, Cassandra

EXPERIENCE

Kroger Technology |Software Developer | Cincinnati, USA   *July 2018 – Present*
- Conceptualize and design platform features with the product data team in an agile environment.
- Implement service functionalities using Spring Boot, Kotlin, Docker and Cassandra through pair programming.
- Forecast service performance in the market using Echo and Dynatrace to track metrics in a test and stage environment.

Legislative Services Agency |Junior Developer Intern | Indianapolis, USA   *January 2018 – April 2018*
- Consolidated requirements from the clients for product development.
- Designed and developed an application to predict bill performance in real time.
- Utilized the data to implement analytics and visualization components for the bill data analysis platform.
- Built an interactive dashboard using Bokeh to collect feedback in order to improve user experience.

Indiana University Bloomington |Associate Instructor | Bloomington, USA   *August 2017 – December 2017*
- Worked as a Lead Associate Instructor for the course: Information Infrastructure II.
- Educated students and provided insights to clarify theoretical and practical doubts during lab sessions.

Levtech Consulting | Cloud Analytics Intern | Dubai, UAE   *June 2014 – August 2014*
- Worked with Microsoft Dynamics on CRM and leveraged their dynamics product suite.
- Created case studies to acquire customers and resolve business intelligence problems such as storing data securely.
- Constructed cloud solutions to track production and the risks associated.

PROJECTS

e-Commerce website   *January 2018*
- Launched an e-Commerce website to encourage entrepreneurs and attract investors looking to invest in startups.
- Developed a kick starter-style web application using a waterfall model.

Darn Good Soup Website   *December 2017*
- Building a website for Darn Good Soup to increase their outreach to customers via data trends obtained from the site.
- Collaborating text messages to customers about their favorite soups according to the menu of the day.

Weather Prediction System   *November 2017*
- Building an application to predict the weather for the upcoming dates.
- Working on a REST API and microservices to make it an end-end application.

VMware Code House Hackathon Challenge   *July 2017*
- Developed a web application using Clarity Design system to increase diversity in tech by tackling unconscious bias.
- Developed collaboration globally on projects through hidden identities to help increase awareness and technical depth.

RESEARCH

Indiana University | Research Intern | Bloomington, USA   *May 2017 - May 2018*
- Building human like intuition in embodied machines under Prof. Eduardo J. Izquierdo in the field of cognitive sciences.
- Developed and programmed a Microbial Genetic Algorithm to help in evolution.
- Programming recurrent continual neural networks to imitate neurons in the human brain.