

# Preetom Chakraborty

<http://preetom.info>

preetom@umich.edu

## EXPERIENCE **Microsoft** | Program Manager

Bellevue, WA

August 2018 – Present

- Product manager on the question answering team, where I help drive, evaluate, and ship deep learning models to improve question answering for Bing users

## **Ross Business School, University of Michigan** | Research Assistant

Ann Arbor, MI

September 2017 – August 2018

- Implemented a Python program to identify the highest performing individual members from teams of employees using statistical models based on team data
- Created a web app and API using Flask and React that allowed clients to determine their highest performing employees and explore results through an interactive dashboard to improve the accuracy of team evaluations

## **Microsoft** | Program Manager Intern

Bellevue, WA

May 2017 – August 2017

- Created an interactive web app using Python, Flask, and JavaScript to demonstrate and debug performance gains being made by new document vectorization models
- Drove online user experiments to obtain evaluation data to determine if projects would be successful additions to Bing both internally and for customers

## **Soar Technology Inc.** | Software Engineering Intern

Ann Arbor, MI

April 2016 – May 2017

- Independently created a web catalog with Django and Backbone.js for different virtual machine configurations to support evaluation and development of internal projects, reducing time required to set up virtual machine environments by 75%
- Built a full stack application for concurrently monitoring the real-time status and data coming from several drones to better anticipate issues and improve error handling

## EDUCATION **University of Michigan** | M.S. in Computer Science

Ann Arbor, MI

September 2017 – April 2018

Graduate coursework in NLP, parallel computing, and machine learning

## **University of Michigan** | B.S. in Computer Science

Ann Arbor, MI

September 2013 – April 2017

## SKILLS **Programming:** Python, Javascript, C++, HTML/CSS, Java

**Tools:** Flask, Pandas, React.js, NumPy, jQuery, Bootstrap, Django

## ACTIVITIES Private tutor, computer science and informatics courses

2016-2018

Webmaster, Michigan Men's Club Water Polo

2015-2017

Member, Eta Kappa Nu EECS Honor Society

2016 - Present