Alpha Presentation
AI Project Matcher

The Capstone Experience
Team Dow

Liam Bok
Jon Gorman
Ana Kim
D'errah Richardson

Department of Computer Science and Engineering
Michigan State University
Fall 2020
Project Overview

• Match employees to projects
• Match projects with employees
• Match recommendations based on:
  ▪ Project's desired skills
  ▪ Availability
  ▪ Employee's desired roles
  ▪ Employee's current skills
System Architecture
User Creation (Select Desired Roles)
User Dashboard
Matching Mode
Matching Mode (Project Description)

AI System Implementation

Start: 9/2/20   End: 12/17/20

Project Description
For this project, we are searching for highly motivated individuals with a background in artificial intelligence. The goal of this project is to implement an AI system to automate and log data for our plastics production process.

Project Impact
This project will set the foundation for a significantly more efficient process for our plastics production department. Not only will this reduce the cost of production, but it will also allow for growth as our resources can be reallocated to other departments.

Desired Roles
- Project Lead
- React Native Software Developer
- Node.js Software Developer
- Hardware Engineer
- Electrical Engineer
- Management
- React Native
- Node.js
- Azure
- Machine Learning
- SQL
What’s left to do?

- Refine match recommendation algorithm
- Implement email verification with account creation
- Implement match functionality
- Toggle role functionality for users that are both roles (project owner & employee)
Questions?