BRADEN WHITED

SOFTWARE ENGINEER

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Looking for full time employment as a Machine Learning engineer or Data Scientist. Preference for consumer-facing projects and products that target a large number of users.

Skills

NATURAL LANGUAGES

English (Native)
Korean (Basic/Intermediate)

PROGRAMMING LANGUAGES

Java
Python
JavaScript
Bash

TECHNOLOGIES

MySQL
Numpy
Pandas
Sci-kit Learn
Apache Spark
Hadoop
*nix Environments
Spring
AWS
Pig
D3.js

Education

Saint Francis University
B.S. Computer Science - Software Development 2015
Graduated Cum Laude (3.65 GPA / 3.92 In-Major GPA)
Minor in Mathematics

Georgia Institute of Technology
M.S. Computer Science - Machine Learning 2019
Specialization in Machine Learning - 3.75 GPA

Employment

New Pig Corporation — Pittsburgh, PA
Full Stack Java Developer — July 2017 to Current
- Led back-end development of a major re-platform of the company's e-commerce site.
- Reduced technical debt of New Pig's integration code with AWS Lambdas.
- Development and maintenance of the company's marketing and analytics platform.

Build in Motion LLC — Pittsburgh PA
Software Engineer (Contract) — Mar. 2017 to July 2017
- Built a Damage Audit application for a major client in the shipping industry.

GE Aviation — Cincinnati, OH
Software Engineer — Feb. 2016 to Mar. 2017
- Developed an iOS application to keep inventory of interchanged LRU replacement units for the new LEAP engine line.
- Earned the company upwards of $1,000,000 in 2016 through operationalizing analytics for GE90, GEnx, and CF6 engines for fleet support use.
- Built out proof of concept Data Fabric features for Predix Core.

New Pig Corporation — Tipton, PA
Junior Java Developer — May 2014 to Feb. 2016
- Single-handedly led development and maintenance of the company's previous websites for US, Canada, and Federal government while a new site was being developed.

Projects

PathFinder Research Proejct — Sept. 2018 to Nov. 2018
A research project behind the development of a Flask application that utilizes machine learning to recommend MOOC course curriculums to learners based on their time commitments and previous experience.

UNICEF Social Media Poverty Predictor — Aug. 2018 to Dec. 2018
Worked with UNICEF and Georgia Tech faculty to attempt to the Human Development Index in remote regions of impoverished countries using social media data from Twitter in place traditional census data. The final project resulted in a paper and an interactive D3 visualization.

Awards

Top 10 Finisher - Dice.com "HackThisBillboard" Challenge — Apr. 2018

Volunteering

Cambria Heights High School · Football Coach — May 2014 to Mar. 2016
Patton, PA
Volunteered 2-5 hours every weekday during the season to mentor and develop the skills of the Jr. High and Varsity players.

American Youth Soccer Organization · Referee — June 2007 to June 2013
Northern Cambria PA and Patton PA
Officiated soccer games for various age groups every Saturday morning from June until September.