

# 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 (Intermediate)

### PROGRAMMING LANGUAGES

Java  
Python  
JavaScript  
Bash

### TECHNOLOGIES

MySQL  
Numpy  
Pandas  
Sci-kit Learn  
Apache Spark  
Hadoop  
\*nix Environments  
Spring  
AWS  
Azure  
Pig

## 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

Full Stack Java Developer

Pittsburgh, PA  
July 2017 to Current

- Led back-end development of Autoship implementation for the company's commerce website.
- Reduced technical debt of commerce site during a major version upgrade.
- Led development and maintenance of the company's marketing and analytics platform.

### Build in Motion LLC

Software Engineer (Contract)

Pittsburgh PA  
Mar. 2017 to July 2017

- Built a Damage Audit application for a major client in the shipping industry.

### GE Aviation

Software Engineer

Cincinnati, OH  
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

Junior Java Developer

Tipton, PA  
May 2014 to Feb. 2016

- Streamlined the website's shipping and checkout process.
- 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 Project

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

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

Northern Cambria PA and Patton PA

Officiated soccer games for various age groups every Saturday morning from June until September.