



# DAKOTA MICHAEL

WEB DEVELOPER

## CONTACT

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## PROFILE

Ambitious, adaptive and analytical: trained as a philosophy major, I think critically about any and all challenges in order to surmount them. Self trained programmer familiar with Python, Ruby on Rails, and JavaScript stacks and comfortable on the command line--Windows and Linux.

## RECENT PROJECTS

### PORTLAND AREA MAP

DEC 2017

github.com/kotamichael/neighborhood-map-project

- Developed a single page web application utilizing 3rd Party data from Google Maps and the Foursquare APIs
- Responsive design utilizing Knockout.js and Bootstrap

### AMAZON LIGHTSAIL SERVER CONFIGURATION

DEC 2017

github.com/kotamichael/amazon-lightsail-server-configuration

- Configured a baseline Linux server to host one of my applications using Apache2 and secured it against several attack vectors

### ITEM CATALOG

DEC 2017

github.com/kotamichael/catalog

- Created in Python3, application utilizes a database, allowing a user to login through 3rd party "Google Sign In" authentication
- Secure CRUD operations for new categories and/or items (locally implemented authorization)

### LOGS ANALYSIS

DEC 2017

github.com/kotamichael/logs\_analysis

- Analyzes a large dataset by using Python to manipulate several views created in PostgreSQL and Psycopg2 in order to retrieve specified information

## EDUCATION

### FULL STACK WEB DEVELOPER NANODEGREE | UDACITY

DEC 2017

www.udacity.com/course/full-stack-web-developer-nanodegree--nd004

Built complex server-side web applications that use powerful relational databases to persistently store data, and applications capable of supporting any front-end, and scaling capability for hundreds of thousands of users.

### B.A PHILOSOPHY - CONCENTRATIONS: ENGLISH, GERMAN & MUSIC

HILLSDALE COLLEGE | 2011 - 2016

Student Leadership Workshop - G.H.Gordon Biological Station, Luther, MI

## WORK EXPERIENCE

### SEVEN OAKS CLASSICAL CHARTER SCHOOL | BLOOMINGTON, IN

SECOND GRADE TEACHER | JUL 2016 - AUG 2017

- Analyze student success and adjust teaching method accordingly
- Focus on fundamental structures, critical thinking and problem-solving
- Establish clear objectives for all instruction and projects, and ensure efficient communication