

Nathan Phillip Perfetti

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LinkedIn: <https://goo.gl/6AAZlU>
Personal Website: <http://perfettiful.github.io/>

EDUCATION

Udacity

Nanodegree Program
Full Stack Web Developer

On-line

Aug 2016 - Present

University of Minnesota, Morris

College of Liberal Arts
Major: *Philosophy, Statistics*

Morris, MN

Graduated 2016

EXPERIENCE

Dakota Enterprises, LLC

Oct 2016 - Feb 2017

E-commerce Administrator

- Managed all product pricing, classification, and images on dakotastones.com via a Content Mgmt System
- Compiled data from Quickbooks Point of Sale system for periodic sales, customer, and marketing reports
- Composed custom HTML, CSS, and Javascript for weekly site specials and promotions
- Implemented company migration to Google Apps Suite & Drive for more efficient project file sharing
- Installed and maintained hardware and software on all office computers and peripherals

Rodney A. Briggs Library, UMM

Circulation Desk Staff/ Archive

Aug 2014 - Jan 2016

- Assisted library patrons to find materials (phone and on-site)
- Serviced printer and copier equipment (toner and paper replacement)
- Shelved, retrieved, and relocated library materials
- Catalogued new submissions to university's collections

Howard Hughes Medical Institute (HHMI) Summer Research Program

May - Sept 2014

Research Assistant

- Completed Collaborative Institutional Training Initiative (CITI) coursework on research ethics
- Collaborated with Dr. Engin Sungur to expand the applications of sonification to data analysis
- Attended group discussion and professional development seminars with fellow student researchers
- Project presentation: <https://goo.gl/SPw2zx>

Morris Academic Partnership (MAP) with Dr. Pierrana Garavaso

Student MAP Partner

May 2013- May 2014

- Collaborated with Garavaso to assist in editing academic journal Paradigmi
- Assisted with the compilation of research for Garavaso's [forthcoming work Frege's Thinking](#)
- Implemented EndNote to manage references and bibliographies from cited essays and articles

ACTIVITIES & PROJECT

EvoMe: Genetic Image Approximation

May 2016 - Present

Creator

- Open source software project hosted on Github: <http://perfettiful.github.io/EvoMe/>
- Developed on Webstorm IDE using an HTML canvas, basic CSS, and Javascript web workers
- Implements a hill-climbing genetic algorithm to approximate target image with polygons
- Aggregates image data and evolution metrics over length of a run for comparative analysis

English as a Second Language (ESL)

Instructor for Level 1 (Beginner)

Aug 2013- Jan 2014

- Received certification from Minnesota Department of Literacy
- Planned weekly lesson plan with fellow instructor
- Incorporated enjoyable activities into curriculum
- Attended retreats with Morris Office of Community Engagement to develop helpful lesson planning ideas