

# Nathan Phillip Perfetti

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LinkedIn: <https://goo.gl/6AAZlJ>

Personal Website: <http://perfettiful.github.io/>

## EDUCATION

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### Udacity

Nanodegree Program

*Full Stack Web Developer*

On-line

July 2016 - Present

### University of Minnesota, Morris

College of Liberal Arts

Major: *Philosophy, Statistics*

Morris, MN

Graduated 2016

## EXPERIENCE

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### Rodney A. Briggs Library, UMM

Circulation Desk Staff/ Archive

Aug 2014- Jan 2016

- Assist library patrons to find materials (phone and on-site)
- Service printer and copier equipment (toner and paper replacement)
- Shelve, retrieve, and shift library materials
- Catalogue new submissions to school's collections

### Howard Hughes Medical Institute (HHMI) Summer Research Program

May 2014- Sept

2014 Research Assistant

- Complete Collaborative Institutional Training Initiative (CITI) coursework on research ethics
- Collaborate with Professor Engin Sungur to expand the applications of sonification to data analysis
- Attend group discussion and professional development seminars with fellow student researchers
- Prepare research material for future collaboration and presentation
- Project presentation: <https://goo.gl/SPw2zx>

### Morris Academic Partnership (MAP) with Dr. Pierrana Garavaso

Student MAP Partner

May 2013- May 2014

- Collaborate with Garavaso to assist in editing academic journal Paradigmi
- Assist with the compilation of research for Garavaso's forthcoming work Frege's Thinking
- Implement EndNote to manage references and bibliographies from cited essays and articles
- Credits given: <https://goo.gl/u9iMX1>

## ACTIVITIES & PROJECTS

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### 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
- Plan weekly lesson plan with fellow instructor
- Incorporate enjoyable activities into curriculum
- Attend retreats with Office of Community Engagement to exchange helpful lesson planning ideas