

# Adam Catalfano

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Portfolio: [www.AdamCatalfano.com](http://www.AdamCatalfano.com)

## Education

### B.S. in Cognitive Science (Computation)

University of Michigan, April 2017  
Cumulative GPA: 3.114

## Objective

A job in Quality Assurance, UX Design, or UX Research to integrate my programming and task-oriented skills with my cognitive and goal-oriented skills

## Computer Skills

- Axure
- HTML 5
- CSS 3
- Javascript
- Python
- Linux
- Eclipse IDE
- MS Visual Studio
- MS Office
- SVN
- Responsive Web Design
- Adobe Illustrator
- C++/C
- Windows
- Mac OS X
- g++
- gdb
- valgrind
- gprof

## Technical/Specialty Skills

- Statistics
- Probability
- Psycholinguistics
- Artificial Intelligence
- Cognitive Psychology
- Neuropsychology
- Machine Learning

## Personal Skills

- Formal Communication (written and spoken)
- Informal Communication (written and spoken)
- Creative Writing

## Professional Experience

**St. Clair Butterfly Foundation** *Farmington Hills, MI* April-Sept. 2016

The St. Clair Butterfly Foundation is an advocate to empower at-risk youth to discover their passions through mentorship programs.

### Web Designer

- Built a website from scratch for managing publicity and donations
- Implemented Bootstrap, CSS 3, and HTML 5 to build a grid-based responsive website
- Designed Ajax, Javascript, and HTML 5 animations to give the site a modern look and feel
- Integrated PHP and MySQL to give the site robust functionality

**Ford Motor Company** *Dearborn, MI*

April-Sept. 2013

### Lab Tech Intern

- Captured, compiled, and processed motion-tracking data so the analysis team had neat and tidy data to work with and could get right to analyzing
- Composed a short tutorial on how to use the Vicon Nexus software so other lab members could easily navigate it

**University of Michigan Health System (UMHS)—**

Nov. 2011

**Rehabilitation Engineering** *Ann Arbor, MI*

-April 2012

### Intern

- Altered C++ source code in BCI2000 to implement the Checkerboard Paradigm (CBP)
- CBP made for easier usability and improved efficacy over the standard Row-Column Paradigm (RCP)
- Contributed to board meetings

**Nature's Voice Our Choice (NVOC)** *Ann Arbor, MI*

June-Sept. 2010

NVOC is active in various sustainability projects globally that involve water purity and health

### Intern

- Constructed a site to function as NVOC's public and social image

**University of Michigan Health System (UMHS)**

July-Sept. 2010

**Neuropsychology Program** *Ann Arbor, MI*

### Intern

- Worked out kinks in text-to-speech software so it was ready to be used in conducting attention-based usability research
- Sat in on interview research sessions on various subjects
- Contributed to board meetings

## Personal Experience

**Dale Carnegie Course** *Ann Arbor, MI*

May-Aug. 2016

- 100% Attendance Award
- Outstanding Performance Award
- Breakthrough Award

**National Novel Writing Month** *Novi, MI*

Nov. 2010-Present

- Crafted a 50,000-word draft of a novel in 30 days