# TYLER YASAKA

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github.com/tyleryasaka

## SUMMARY

Full stack  web dev with interest in blockchain and game theory. Motivated to empower people through technology.

## SKILLS

Programming Languages
- Javascript, Ruby, Elm, Python, C++, Prolog, PHP

Web Development
- EmberJS, NodeJS, Ruby on Rails, Django, React, Angular, MySQL, MongoDB, HTML, CSS, SASS

Blockchain Development
- Ethereum, Smart Contracts, Solidity, Truffle, Metamask

Development Tools
- Git, Unix Terminal, Vim, Heroku, CircleCI

## EDUCATION

University of North Alabama, Florence, Alabama

Degree: B.S. Computer Science, May 2016
Minor: Human Computer Interaction and User Experience (HCI/UX)
GPA: 4.0

## EXPERIENCE

PartCycle Technologies, Florence, AL
Lead Developer, March 2016-Present
- Web development for e-commerce marketplace for recycled auto parts
- EmberJS, Ruby on Rails, Python/Django
- Agile workflow, test-driven development, automated continuous delivery process

University of North Alabama, Florence, AL
Student Web Developer, October 2014-March 2016
- Web development for university website
- AngularJS, NodeJS, HTML, CSS, MySQL, MongoDB, PHP, Bootstrap

Dynetics Technical Services, Huntsville, AL
Software Development Intern, Summer 2015
- Developed and maintained internal web applications for NASA's Marshall Space Flight Center
- HTML, CSS, Javascript, jQuery, PHP, NodeJS, MySQL

## HONORS & ORGANIZATIONS

Summa Cum Laude Graduate, 2016
University of North Alabama Keller Key Recipient, 2016
Kappa Mu Epsilon Mathematics Honor Society, inducted 2015
Secretary of Association for Computing Machinery, 2015-2016
Diversity Student Ambassador, 2015-2016
University of North Alabama Dean's List, 2012-2016
Japanese University Meal Program, 2012-2013

## RESEARCH

University of North Alabama, Florence, AL
Principal Investigator, 2015-2016
*Improving Learning With Simple Immersive Virtual Environments*

- Obtained a research grant to study possible relationships between virtual reality (using Head-Mounted Displays and noise-cancelling headphones) and learning in a distracting environment.
- Supervisor: Jason Watson, PhD

## PRESENTATIONS

**Yasaka, Tyler**; Marlar, Jonathan; Watson, Jason. *Improving Learning With Simple Immersive Virtual Environments.*

- Presented at the National Council on Undergraduate Research, Asheville, NC, 2016; University of North Alabama 3 Minute Thesis Competition; Florence, AL, 2016; and University of North Alabama Research Day, Florence, AL, 2016.

**Yasaka, Tyler**. *Robots! Demonstration of an Arduino-powered robot programmed to detect the edge of a table.*

- Presented at Shoals Big Idea, Florence, AL, 2015.