

Tyler Damon Williams

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EDUCATION

Grinnell College, Grinnell, Iowa

- Bachelor of Arts (B.A.) in Computer Science
 - Cumulative GPA: 3.4 / 4.0

Aug 2015 – Present

INTERNSHIPS

Software Engineering Intern, John Deere

May 2018 – Aug 2018

- **Remote Display Access Update**
 - Designed and implemented Remote Display Access application using ReactJS allowing users to start remote sessions with production machinery
 - Deployed application to cloud using AWS cloud formations generated by Jenkin's pipelining
- **Agile Development Team Member**
 - Implemented new design features to production applications using ReactJS working on both Server and UI cores
 - Participated in scrum team using agile methodologies to improve new and existing applications

IT Intern, John Deere

May 2017 – Aug 2017

- **Dealer Screen Implementation**
 - Built HTML web screens reliant upon Java backends to provide user friendly access
 - Saved over \$20,000 as application rewrite allowed dealers to easily download excel files containing data
- **Agile Development Team Member**
 - Participated in a scrum team using agile methodologies managing upkeep of existing applications
 - Spent sprint as *Scrum Master* keeping team members at local office and in India on task

PROJECTS

Pick-Up Stix (gcstix.com), Co-Founder/ Tech Lead

May 2017

- Developed a grassroots on campus business allowing students to order food from other students through a Ruby on Rails Application.

Volunteer Board, Front/Back-End Development

Jan 2017

- Participated in an agile development team that designed a web application to connect volunteers with seeking organizations.

RESEARCH/
PUBLICATIONS

Arts Coding for Social Good, Grinnell College

May 2016 – Mar 2017

- A pilot program for middle-school outreach in computer science that has transformed into an annual diversity coding camp
- Published in ACM: *Arts Coding for Social Good: A Pilot Project for Middle-School Outreach*

What We Say vs. What They Do, Grinnell College

May 2016 – Mar 2017

- A dive into existing middle-school and their portrayal in CS education literature and mainstream coding camps
- Published in ACM: *What We Say vs. What They Do: A Comparison of Middle-School Coding Camps in the CS Education Literature and Mainstream Coding Camps*

SKILLS

Java (Algorithms) ■ Javascript ■ C ■ ReactJS ■ HTML ■ CSS ■ AWS ■ ReactJS ■ Ruby ■ L^AT_EX ■ Git .

AWARDS

**Pioneer Weekend 2.0 First Prize Winner, Grinnell College
QuestBridge Match Scholar**

Apr 2016

Dec 2014

ON-CAMPUS ACTIVITIES

- Associated Computing Machinery Grinnell Chapter
- Concerned Black Students President
- Stand-Up Comedy Club