

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	Expected May 2019
INTERNSHIPS	Software Engineering Intern , John Deere Urbandale, Iowa ▪ 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 Jenkins CI/CD pipelining ▪ Implemented new design features to production applications using ReactJS working on both Server and UI cores within an agile development team	May 2018 – Aug 2018
	IT Intern , John Deere East Moline, Illinois ▪ 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 ▪ Participated in a scrum team using agile methodologies managing upkeep of existing applications ▪ Provided agile delivery support to team as Scrum Master during a 2-week sprint: led daily standup sessions, tracked progress of team (onsite and offshore) towards completing sprint goals	May 2017 – Aug 2017
PROJECTS	Pick-Up Stix (gcstix.com), Co-Founder/ Tech Lead ▪ Developed a grassroots on campus business allowing students to order food from other students through a Ruby on Rails Application.	May 2017 – Present
	Volunteer Board , Front/Back-End Development ▪ Participated in an agile development team that designed a web application to connect volunteers with seeking organizations.	Jan 2017 – May 2017
RESEARCH/ PUBLICATIONS	Arts Coding for Social Good , Grinnell College ▪ Conference Paper (Co-Author) Arts coding for social good: A pilot project for middle-school outreach. In <i>Proceedings of the 2017 ACM SIGCSE Technical Symposium on Computer Science Education</i> (2017), SIGCSE '17, ACM, pp. 159–164.	May 2016 – Mar 2017
	What We Say vs. What They Do , Grinnell College ▪ Refereed Conference Poster (Co-Author) What we say vs. what they do: A comparison of middle-school coding camps in the cs education literature and mainstream coding camps (abstract only). In <i>Proceedings of the 2017 ACM SIGCSE Technical Symposium on Computer Science Education</i> (2017), SIGCSE '17, ACM, pp. 707–707.	May 2016 – Mar 2017
SKILLS	Java (Algorithms) ■ Javascript ■ C ■ ReactJS ■ HTML ■ CSS ■ AWS ■ ReactJS ■ Ruby ■ L ^A T _E X ■ 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	