Noah Keppers

EDUCATION

Michigan State University, East Lansing, MI   Expected December 2018
Bachelor of Science, Computer Science (GPA: 4.0 / 4.0)
- Engineering Cognate: Psychology
- Honors College Member (2015 – Present)
- National Merit Scholar (2015)

EXPERIENCE

Computer Science Capstone, Michigan State University   August 2018 – Present
Software Engineer & Project Manager, Team Ford
- Partnered with Ford and MSU students to implement Spring and Angular site for app review analysis
- Led communication with Ford engineers and facilitated team meetings as client contact and project manager
- Developed and presented system architecture, UI mockups, and documentation in addition to source code

Two Bulls, New York, NY   May 2018 – August 2018
Software Engineering Intern & hackNY Fellow
- Worked with interdisciplinary team and client product owners to define project goals and plan sprints
- Implemented backend features and assisted code cleanup using Serverless Framework, AWS Lambda, and Go
- Executed frontend design mockups (including layout and styling) using Angular, Typescript, and Sass

Theatre Engine, Michigan State University   September 2015 – May 2018
Professorial Research Assistant
- Worked under Dr. Charles Owen to create interactive dance shows through Android software
- Integrated light and sound boards into Java server code by working with theatre professionals
- Mentored freshmen researchers in object-oriented design, Android development, and Git
- Reconciled theatre faculty vision with hardware capabilities to prototype new show segments

Google, Kirkland, WA   May 2017 – August 2017
Engineering Practicum Intern
- Designed implementation of protocol buffers, UI, and notifications for mentions in Android Allo
- Collaborated with UX, Product, and Engineering teams to define mentions feature requirements
- Implemented functionality using Android APIs and Dagger dependency injection framework

Dancing Computer, Michigan State University   May 2016 – July 2016
Engineering Summer Undergraduate Research Experience (EnSURE)
- Taught programming concepts using dance to 250+ students via an Android app
- Implemented new features in Java on desktop and mobile to improve student learning
- Gathered and analyzed data on learning experience through survey and focus groups
- Summarized findings in research poster and paper (noahkeppers.com/dc-paper)

LEADERSHIP

Project Manager, hackNY Fellowship Social Good   May 2018 – August 2018
- Clarified goals, managed timeline, and facilitated communication for West 4th Street project
- Collaborated with engineers to adapt storytelling site for desktop users (west4thstreet.surge.sh)

President, Tau Beta Pi (The Engineering Honor Society)   January 2018 – May 2018
- Trained an entirely new executive board, supervised planning for 8 events (including chapter recruitment)

Secretary, Tau Beta Pi (The Engineering Honor Society)   January 2017 – December 2017
- Set recruiting timeline and compiled reports to secure approval for initiation of new students

Conference Coordinator, Alliance of Queer & Ally Students   September 2016 – May 2017
- Led recruiting, secured funding, and booked travel for two delegations totaling 45 students