Noah Keppers

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EDUCATION

Michigan State University, East Lansing, MI   September 2015 – December 2018

Bachelor of Science, Computer Science (GPA: 4.0 / 4.0)

Tau Beta Pi Secretary (2016 – Present) · Honors College Member · National Merit Scholar (2015)

EXPERIENCE

Google, Kirkland, WA   May 2017 – August 2017

Engineering Practicum Intern

- Drafted design document detailing implementation of protocol buffers, UI, and notifications for an upcoming feature in Allo for Android
- Collaborated with UX, Product, and Engineering teams to define features
- Implemented functionality using Android APIs and Dagger dependency injection framework
- Divided project tasks and eliminated code conflicts with partnered intern and teammates

Theatre Engine, Michigan State University   September 2015 - Present

Professorial Research Assistant

- Worked on Android app and Java server allowing audience to influence lighting and sound during dance shows (noahkeppers.com/#te)
- Integrated light and sound boards into Java server by working with theatre professionals
- Communicated with stage managers to run software at 5 shows
- Developed and prototyped new software spec for new version of the show by collaborating with theatre, dance, and computer science students/faculty

Dancing Computer, Michigan State University   May 2016 – July 2016

Engineering Summer Undergraduate Research Experience (EnSURE)

- Taught 250+ students programming concepts via an app-based activity where students "execute" step-by-step dances like a computer (noahkeppers.com/#dc)
- Collaborated with students/faculty to design student learning experience and software UI
- Implemented Java code on desktop and mobile to add features and increase stability
- Gathered and analyzed data on learning experience through survey and focus groups
- Summarized findings in poster and paper (noahkeppers.com/dc-paper)

ACTIVITIES

Family Room Volunteer, MSU LBGT Resource Center   2016 – Present

- Engaged visitors, answered questions, and took calls to facilitate a welcoming environment

Conference Coordinator, Alliance of Queer & Ally Students   2016 – 2017

- Secured university funding and travel reservations for two delegations totaling 45 students
- Organized Alliance's first delegation to Creating Change and annual MBLGTACC delegation
- Drafted Conference Coordinator Guide to document responsibilities as well as ease transition

TECHNICAL SKILLS

Work Experience: Java, Android Development, Git, Perforce, Protocol Buffers
Academic Experience: C++, ARM Assembly, HTML/CSS, PHP, JavaScript, MySQL
Exposure: Bootstrap, BASH Shell Scripting, Python