

Noah Keppers

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EDUCATION

Michigan State University, East Lansing, MI

Expected December 2018

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

- Honors College Member (2015 – Present)
- National Merit Scholar (2015)
- Alumni Distinguished Scholarship Commended Finalist (2015)

EXPERIENCE

Google, Kirkland, WA

May 2017 – August 2017

Engineering Practicum Intern

- Designed implementation of protocol buffers, UI, and notifications for feature in Android Allo
- Collaborated with UX, Product, and Engineering teams to define features
- Implemented functionality using Android APIs and Dagger dependency injection framework

Theatre Engine, Michigan State University

September 2015 - Present

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 segment

Dancing Computer, Michigan State University

May 2016 – July 2016

Engineering Summer Undergraduate Research Experience (EnSURE)

- Taught 6 sessions to 250+ students programming concepts using dance 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

Secretary, Tau Beta Pi

2017 – Present

- Supervised all chapter reporting and instructed officers on report deadlines and formatting
- Set recruiting timeline and compiled 7 reports to secure approval for initiation of new students

Conference Coordinator, Alliance of Queer & Ally Students

2016 – 2017

- Led recruiting, secured funding, and booked travel for two delegations totaling 45 students
- Served as head of conference trip organization and delegated tasks among 7 board members

TECHNICAL SKILLS

Professional Experience: Java, Android Development, Git, Perforce, Protocol Buffers

Coursework Experience: Python, C/C++, ARM Assembly, HTML/CSS, PHP, JavaScript, MySQL

RELEVANT COURSEWORK

2016 – 2017: Object-Oriented Design, Algorithms/Data Structures, Computer Architecture, Web Dev

2017 – 2018: Operating Systems, Compilers, Programming Languages, Database Systems