

Shoji Moto

URH 414 Babcock, 1002 W College Ct, Urbana, IL 61801

📞 919 259 6269 • ✉ smoto2@illinois.edu • 🌐 <http://pianobin.us.to/>
🔗 <https://github.com/Pianobin>

Education

- **University of Illinois at Urbana-Champaign** **Champaign, IL**
GPA: 3.89; Bachelor of Science, Computer Science *Expected: May 2021*
- **Chapel Hill High School** **Chapel Hill, NC**
GPA: 5.1/6.0, 3.96 UW *2013–2017*

Experience

- **Duke Immersive Virtual Environment (DIVE)** **Durham, NC**
Student Intern *July 2016–August 2016*
 - Integrated the Leap Motion sensor with a VR headset and CAVE-like system
 - Led 12 tours of the DIVE to groups of students, teachers, and professors

Projects

- **Handy** **Champaign, IL**
Developed a body language processor for public speaking using a Leap Motion sensor *2017*
 - Received 1517 Fund \$1,000 Grant to continue research and development
- **Endangered Planet** **Chapel Hill, NC**
Made an iOS app which displays demographical data of 27,000+ threatened species *2017*
 - Accumulated more than 100 installations since its release.
 - App Store link: <https://itunes.apple.com/us/app/endangered-planet/id1241582188>
- **SatActbot** **Chapel Hill, NC**
Built a Reddit bot that converts between old SAT, new SAT, and ACT test scores *2016*
 - Referenced and used more than 800 times by the Reddit community

Activities

- **Hackathon enthusiast – attended:**
WildHacks 2017 (Finalist), HackGT IV, Boilermake V, HackBCA III
- **CS125 Course Assistant** **Champaign, IL**
Helped students in the 2018 Spring CS125 EMP lab section, office hours, and forum *2018 – Present*
- **IlliniHackers Experience Staff** **Champaign, IL**
Planned out the event structure of HackIllinois 2018 *2017 – Present*
- **North Carolina Virtual Public Schools (NCVPS) Peer Tutor** **Chapel Hill, NC**
Tutored biweekly for AP Computer Science, AP CS Principles, & AP Calculus *2016 – 2017*

Technical skills

- **Programming Languages:** Java, Python, Swift, C#, HTML/CSS, Bash, JavaScript
- **Technologies:** Git, Xcode, Unity, Heroku, Flask, Leap Motion, Processing, Bootstrap, Postman