

# Shoji Moto

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🔗 <https://github.com/Pianobin>

## Education

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- **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

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- **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

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- **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

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- **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

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