Shoji Moto

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 https://github.com/Pianobin

Education

University of Illinois at Urbana-Champaign — **Champaign, IL**
GPA: 3.89; B.S. Computer Science — *Expected: May 2021*

Technical skills

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

Experience

CS 125: Intro to Computer Science — **Champaign, IL**
Course Assistant — *January 2018–Present*
- Helped students in the 2018 Spring CS125 EMP lab section, office hours, and forum

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
- Programmed in Unity using C# and the Leap Motion SDK
- 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
- Prototype programmed in Python and Javascript, hosted on a Flask server

Endangered Planet — **Chapel Hill, NC**
Created an iOS app which displays demographical data of 27,000+ threatened species — *2017*
- Accumulated more than 100 installations since its release.
- Programmed in Xcode using Swift 3
- 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
- Programmed in Python using the PRAW API, deployed using Heroku

Activities

Hackathon enthusiast
WildHacks 2017 (Finalist), HackGT IV, Boilermake V, HackBCA III

IlliniHackers Experience Staff — **Champaign, IL**
Planned out the event structure of HackIllinois 2018 including logistics and mentor matching — *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*

Save the Music Club Secretary — **Chapel Hill, NC**
Taught individual piano lessons to 7 elementary school students on a weekly basis — *2013 – 2017*
- Organized new books and managed the club's email