

# Shoji Moto

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## EDUCATION

**University of Illinois**  
Bachelor of Science, Computer Science

Urbana-Champaign, IL  
Expected: May 2021

**Chapel Hill High School**  
GPA: 5.1/6.0 (3.97 UW)

Chapel Hill, NC  
2013-2017

## RELEVANT COURSEWORK

*CS125: Introduction to Computer Science*  
*Multivariable Calculus*  
*AP Computer Science*

*AP Calculus BC*  
*AP Statistics*  
*AP Physics C*

## EXPERIENCE

**Chapel Hill High School**  
*iOS Developer*

Chapel Hill, NC  
May 2017-June 2017

- o Created 'Endangered Planet', a free educational iOS app which displays geographical and demographical information of over 27,000 threatened species
- o Accumulated more than 50 installations in the span of 4 months.
- o Appstore link: <https://itunes.apple.com/us/app/endangered-planet/id1241582188>

**Duke Immersive Virtual Environment (DIVE)**  
*Student Intern*

Durham, NC  
July 2016-August 2016

- o Integrated the Leap Motion controller with a VR headset and CAVE-like system
- o Led 12 tours of the DIVE to groups of students, teachers, and professors

**Morris Grove Elementary School**  
*Volunteer Piano Teacher/Club Secretary*

Chapel Hill, NC  
February 2013-June 2017

- o Taught piano and basic music theory to 7 elementary school students on a weekly basis
- o Organized new books and managed the club's email

## ACTIVITIES

- Hackathons: HackGT (October 2017), Boilermake (September 2017), HackBCA (April 2016)
- UIUC Kendo and Naginata (August 2017 - Present)
- Illini Hackers (August 2017 - Present)
- iOS App Development (May 2017 - Present)
- Science Olympiad (2014 – 2017)
- Save the Music Club Secretary (2013 – 2017)
- Piano Lessons (2004 – 2017)

## TECHNICAL SKILLS

**Languages:** Java, Python, Swift, C#, HTML/CSS, Bash, Javascript

**Technologies:** Xcode, Git, Unity, Heroku, Flask, Leap Motion SDK, Bootstrap, Postman

## ACHIEVEMENTS

- Internet and Computing Core Certification (IC3)
- Top 3 in the Regional Science Olympiad Amazing Mechatronics event for two consecutive years
- Top 50 in the 6<sup>th</sup> Annual UCF High School Programming Tournament
- Won MLH Sponsored Prize at Boilermake V