

Daniel Choi

Computer Science

Personal Information

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LinkedIn
linkedin.com/in/choiboy98

Github
github.com/choiboy98

Website
choidaniel.info

Programming Languages (Proficient)

Java
Python
C++
C
JavaScript | HTML | CSS

Programming Languages (Familiar)

C#
Assembly

Technoloaies

Android | Unity
Git
Flask
React | React Native
AWS
PostgreSQL
OAuth2

Technical Skills

Computer Programming
Data Structures
Artificial Intelligence
Virtual Reality
Computer Security

Other interests

Singer-Songwriter | Aspiring Chef

Education

08/2017-
05/2020

University of Illinois at Urbana-Champaign
B.S. in Computer Science

- Coursework: Data Structures, Computer Architecture, System Programming, Artificial Intelligence, Algorithms, Computer Security

Experience

01/2019-
05/2019

Synchrony

Software Engineer Intern

- Developing a mobile app that makes transfer of credit cards/money easier
- Designing and delivering the final application
- Engineering a secure transition of user information across different platforms

05/2018-
10/2018

BAT (Beacon Adaptive Tracking)

Software Engineer Intern

- Used React Native to create location tracking apps for the customers to use
- Connected the app with Alexa and Google Home Mini that would engage in user assigned tasks based on their distance from Home
- Worked with the founder on predicting the user's location using AI when the user's data is not being transferred

03/2018-
05/2018

Chicago Mercantile Exchange Group

Software Engineer Intern

- Created tools to verify errors in DataMine quickly and efficiently
- Provided data for real-time trading customers and those who want historical data
- Learned to extract messages from avro files and FIX (Financial Information Exchange) messages

Projects

10/2018-
present

imusi

Software Developer

- Created an application that lets users to take pictures and generates music based on the attributes of the picture
- Trained an AI model to measure and distinguish which resource is more impactful (lighting, objects, people etc.)
- Used React Native and React for frontend
- Interacted with Spotify and Clarifai API

Activities

04/2019-
present

Hack4Impact | uiuc, hack4impact.org

External Director

- Setting initiatives to provide the best community and communication for students within the organization, student outside of the organization, non-profit organizations, and sponsors
- Working with the directors, tech leads and product managers, and other Hack4Impact chapters to grow and increase our brand awareness within the local community
- Working on the hack4Impact website, photobook, and video

09/2018-
Present

Software Developer

- Creating free application for non-profit organizations around the world
- Worked with React Native and MongoDB to create a mobile application that ensures students' safety through tips, near-by crimes, police, bus, light and more information
- Worked with React, Flask, and OAuth to create a secure web application that provides a single platform for viewing and editing documents from Field Partners and Product Managers.

09/2018-
present

IlliniBoxing

Team Member

- Competed at several national tournaments (Arnold's classic and USIBA Tournament)
- Rigorous Training 3 times a week with 2-3 hours each
- Learned perseverance and patience through fights and partner training
- Learned to greatly value feedback and teamwork