

DANIEL CHOI

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EDUCATION

**UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN**
B.S. IN COMPUTER SCIENCE
COLLEGE OF ENGINEERING | 2021

LINKS

Github:// **choiboy98**
LinkedIn:// **choiboy98**
Website://**choidaniel.neocities.org**

COURSEWORK UNDERGRADUATE

Discrete Structures
Honors Calculus 3
Data Structures
Computer Architecture
Linear Algebra
Honors Systems Engineering*
Virtual Reality*
Numerical Methods*
*: in progress

HIGH SCHOOL

Data Structures

SKILLS

PROGRAMMING

Proficient:

Java ♦ HTML ♦ CSS ♦ Unity ♦
Eclipse ♦ C++ ♦ Visual Studio
♦ React Native

Familiar:

C# ♦ Python ♦ Xcode ♦
IntelliJ ♦ MongoDB ♦ AWS ♦
JS

AWARDS

2016 4/200 Teals Coding Comp
2015 100+ hrs Volunteer Hours
2015 AP Scholar w/ Dist.

EXPERIENCE

BAT(BEACON ADAPTIVE TRACKING) | SOFTWARE ENGINEER INTERN

May 2018 – Current | Bellevue, WA

- Using React Native to create location tracking apps for the customers to use.
- Handled my own project and showcased results every week.
- Worked with the founder on predicting the user's location using AI with provided user information.

CME GROUP | SOFTWARE ENGINEER INTERN

March 2018 – May 2018 | Urbana, IL

- Creating tools to verify errors in DataMine quickly and efficiently.
- Providing data for real-time trading customers and customers who want historical data.
- Learned to extract messages from avro files and FIX(Financial Information exchange) messages.

DIFFERENTIAL GAMES STUDIOS | CO-FOUNDER

June 2016 – Current | Bellevue, WA

- Learned C# and the Unity Game Engine.
- Created *Chroma Tiles*, which is released on the Google Play Store and Apple Store. Currently working on a frisbee game.
- Worked with one other person to create the "tile generation" algorithms, implement ads using Google AdSense, and the smooth transition between scenes for better gaming experience.

DIETBETES | HACKATHON

November 2017 | <http://ec2-54-234-36-121.compute-1.amazonaws.com/>

- Dietbetes is an application that allows users to input their food consumption and track their intakes. Most importantly, it searches for the closest free health service centers based on the user's address.
- Worked with big data to get necessary attributes and algorithms to sort them.

LEADERSHIP

CS @ ILLINOIS SAIL | OFFICER

September 2017 – May 2018 | Champaign, IL

- Continuing to bring high schoolers to enrich their computer science knowledge.
- Communicating with locals to better the event.
- Working with professors and students for panels and lightning talks.

CLASS OFFICE | VICE PRESIDENT

September 2016 – June 2017 | Bellevue, WA

- Contribute to fostering leadership in the school community through various events, such as "Kindness Week."

HUGS FOR TANZANIA | PRESIDENT

September 2015 – June 2017 | Bellevue, WA; Buffalo, NY

- Fundraised \$1,300 and raised 2000 school supplies for children in Tarime, Tanzania (January 2015).
- Worked with the leadership of Bellevue High and "WE" to bring clean water to the underprivileged people of Tanzania.