

# Piratach Yoovidhya

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## Education

### Carnegie Mellon University

(August 2018 - expected May 2022)

B.S. in Computer Science | Concentration in Computer Systems

GPA: DETRACTED

Dean's List: Fall 2018

School of Computer Science

Pittsburgh, PA

## Work Experience

### ConnectWolf

(May 2020 - August 2020)

#### Database Engineer Intern

- Worked remotely within the database team to design the backend for the company's mobile app

### CMU Computational Biology Department

(January 2020 - May 2020)

#### Research Assistant

- Worked with Professor Robert Murphy in implementing *Bioactive*, a program that is used to assist in research through active learning and model construction

### Kasikorn Business Technology Group (KBTG)

(June 2019 - August 2019)

#### Data Science Engineer Intern

- Developed features for the K-Plus application (#1 Mobile Banking App in Thailand)
- Developed a vehicle image recognition program using Deep Neural Networks (Keras)

## Projects

### Desktop-Vacuum | C++

- Developed a software used to sort and clean files in a directory, both manually and automatically (listening to new additions)

### A Sketchy Quest | Python

- A featured, interactive side-scrolling video game developed for the class 15-112
- Consists of a shape recognition algorithm which allowed players to create objects by drawing them

### ConvoCoach | Python

- Developed a program aimed to improve autistic children's conversational skill alongside 3 other colleagues
- The program uses cloud APIs such as NLP, speech recognition, speech synthesis

### The Atlas Project - Autonomous Buggy | Python, C++

- Part of the team that works on an autonomous buggy that competes during *Carnival* annually

## Coursework

15-440, Distributed Systems (*Fall 2020*)

15-445, Database Systems (*Fall 2020*)

15-281, Artificial Intelligence (*Fall 2020*)

15-300, Research and Innovation in CS (*Fall 2020*)

15-210, Data Structures and Algorithms (*Spring 2020*)

15-330, Intro to Computer Security (*Spring 2020*)

15-259, Probability and Computing (*Spring 2020*)

15-251, Great Theoretical Ideas in CS (*Fall 2019*)

## Achievements and Skills

Languages: Python • C++ • C • SML • Go • HTML • Thai • English • Mandarin

TartanHacks | Best Social Welfare Hack

(February 2019)

Red Robot Hack | Best Driving

(October 2018)

Thai Embassy's Database Platform | Winner

(September 2019)