

JACKIE OH

EDUCATION

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

📅 Exp. May 2022

📍 Champaign, IL

Cumulative GPA: 3.94/4, 117 credit hours

WORK EXPERIENCE

Uber Technologies, Inc.

Software Engineer Intern, Summer 2020

- Developed backend service that automates fetching and validation of Geofence data from third party API using Golang
- Assisted with expansion of emergency assistance features to new regions
- Organized a 2-day hackathon for Safety interns, led intern team as full stack engineer

State Farm

Enterprise Technology Intern, Summer 2019

- Developed an intranet event registration platform for State Farm's local philanthropy efforts using .NET framework and Microsoft SQL Server
- Led communication with project leads as well as development of UI/UX design
- Served as lead iOS developer for a computer vision project that won Executive Choice Winner at company-wide hackathon against 1000+ full time developers and data scientists

Athinoula Martinos Center for Biomedical Imaging

Research Associate, Summer 2017

- Developed an iOS app that implements Convolutional Neural Networks to denoise photographs directly from raw camera sensor data using Keras and Core ML libraries
- Created an iOS camera app that took RAW images with custom ISO and exposure to build training set for neural networks

EXTRACURRICULARS

Computational Cancer Genomics Research, El-Kebir Group

Undergraduate Researcher, Fall 2019 - Current

- Assisting Professor El-Kebir in development of C++ tool that samples phylogenetic trees for tumor cells based on single cell sequencing data
- Read, discuss, and present relevant papers in the field of computational cancer genomics

Special Interest Group for Natural Language Learners (SIGNLL)

Member, Fall 2018, Co-chair, Fall 2019

- Assisted with meetings and lectures on Natural Language Processing including topics such as deep learning, PyTorch, word embeddings, and question answering
- Completed projects involving sentiment analysis, evaluating hyperpartisanship, and other semantic evaluation tasks

PROJECTS

Geothermal Energy Visualization

Fall 2019 - Spring 2019

- Worked with Professor Wade Fagen-Ulmschneider to develop a data visualization that showcases environmental benefits of new geothermal well on UIUC campus
- Used D3.js to create visualization that runs on real time data

CONTACT

@ jmoh3@illinois.com

📞 781-375-6485

🌐 www.jackieoh.me

📄 www.linkedin.com/in/jmoh3

📄 www.github.com/jmoh3

COURSEWORK

Systems Programming

Spring 2020

Probability and Statistics for

Computer Science

Spring 2020

Intro to Algorithms and Models

of Computation

Fall 2019

Computer Architecture

Fall 2019

Data Structures

Spring 2019

SKILLS

Python Golang C++

Java Swift C#

HTML/CSS JavaScript

React Node.js

.NET Framework Git

iOS Development

AWARDS

2nd place at HackIllinois

Spring 2020

Engineering Visionary

Scholarship

Fall 2019

College of Engineering Dean's
List

Spring 2020, Spring 2019,

Fall 2018

2018 National Merit PPG

Foundation Scholarship

March 2018

Engineering James Scholars

Honors Program

March 2018

Spyglass Endowed Scholarship

February 2018