# **Daniel Ng**

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## **EDUCATION**

#### **University of Wisconsin Madison**

College of Letters and Sciences BS in Computer Science Expected Grad. May 2019 Cum. GPA: 3.2

# SKILLS

#### Languages:

Java, Python, Javascript, HTML, CSS, C, C++, SQL, LaTeX
Frameworks:

Android Studio, GameMaker, Eclipse, Twitter Bootstrap

## COURSEWORK

#### Past:

Introduction to Java
Data Structures
Introduction to Computer
Engineering
Machine Organization
Discrete Math
Artificial Intelligence
Theory and Practice in CS Education

## LANGUAGES

English (Fluent)
Cantonese (Conversational)
Mandarin (Basic)

11.20.2017

### **EXPERIENCE**

**CSLC Tutor** 

### **Computer Science Learning Center**

Jan 2017 – May 2017 Madison, WI

 Tutored students taking Introduction to Java, Introduction to Python, and Data Structures

#### **Informatics Skunkworks**

Sept 2016 – Dec 2016 Madison, WI

Research Assistant

 Used Tensor Flow to build a neural network to predict missing data in a time series for the properties of Perovskites to predict their stabilities.

#### L2 Computer Inc.

June 2016 – Aug 2016

Laptop Repair Trainee

New York City, NY

 Diagnosed hardware and software issues with specific MacBook models and replaced defective hardware to restore the MacBooks.

## **Learning Representations and Tech Lab**

Sept 2015 – May 2016

Research Assistant

Madison, WI

• Conducted interviews, monitored the eye tracker, typed transcripts, and managed research data.

## AWARDS

#### Madhacks

Created a game using Game Maker Studio: 1.4 and won the Hacker's Choice award at the University of Wisconsin Madison

#### **Huskie Hack**

Digitalized the ToastMasters evaluation process and won the Excellence award at Northern Illinois University.