

# Yuduo Zhao

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github.com/zyud  
zyud.me

## Education

2019 - University of Pennsylvania, Master of Computer and Info Tech (MCIT), GPA: 3.90/4.00  
2012 - Penn State, Bachelor & Master of Architectural Engineering (BAE/MAE), GPA: 3.84/4.00

## Notable Projects

**Arduino Web Interface (2018):** Web app and server that displays graphical temperature data from an Arduino and allows control of Arduino behavior. **Tech:** *HTML, CSS, JavaScript, D3.js, C*

**Kukuoke (2018):** Native Android app that lets the user keep and share karaoke song lists organized by singing competency level. **Tech:** *Java, Android Studio, Firebase, Lastfm API*

**Movie Recommender (2018):** Movie recommendation program that implements a k-nearest neighbors collaborative filtering system for movie preference prediction. **Tech:** *Java*

**Syme (2017):** Enterprise project management desktop app that provides task and employee productivity tracking and project burndown chart. **Tech:** *Java, JavaFX*

## Hard Skills

Java, JavaScript, ES6, C, HTML, CSS, Bootstrap, React.js, D3.js, JUnit, Git, Android Studio, Matlab, LaTeX, Photoshop, Illustrator, InDesign, AutoCAD, Revit, 3ds Max

## Soft Skills

Teamwork, Public Speaking, Sales, Teaching, Improv Comedy

## Work Experience

### **Specification Sales Rep at Enterprise Lighting Sales**

*New York, NY (Jan 2015 to Apr 2017)*

- Frequently met with architects to present new products and resolve design challenges.
- Managed the lighting applications engineering team.
- Conducted B2B digital marketing strategy research.

### **Lighting Designer at Tillotson Design Associates**

*New York, NY (Jan 2013 to Jan 2015)*

- Designed architectural lighting and controls systems using CAD and BIM software.
- Established lighting applications office guidelines.