

# Yuduo 'YD' Zhao

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Philadelphia, PA

## Skills

JavaScript (ES6+), TypeScript, React, Redux, Node.js, Java, C, SQL, HTML5, CSS3, Bootstrap, Git, Jira, Jenkins, Scrum, Figma, Photoshop

## Experience

### Oracle / Associate Applications Developer

JULY 2019 - PRESENT, WEST CONSHOHOCKEN, PA

- Investigate and resolve critical issues in an enterprise project management web app written in Java and JavaScript
- Implement loosely-coupled unit formatter system across major app pages

### UPenn CIS Department / Graduate Teaching Assistant

AUG 2018 - May 2019, PHILADELPHIA, PA

- Topics: OOP, data structures, software testing, graph theory, trees, probability, logic, proofs, induction and recursion

### Dearest, Inc. / Web Developer Intern

MAY 2018 - AUG 2018, NEW YORK, NY

- Won the Wharton Startup Internship Award for this experience
- Sketched and designed web app UI in Adobe XD and implemented it in React (see sign-up and login pages at [dearest.io](https://dearest.io))
- Implemented educator progress report review system with Node.js

### Enterprise Lighting Sales / Specification Sales Representative

JAN 2015 - APR 2017, NEW YORK, NY

- Conducted sales calls and organize meetings with architects and engineers

## Education

### University of Pennsylvania / Master in Computer Science (MCIT)

AUG 2017 - MAY 2019, PHILADELPHIA, PA, GPA: 3.91/4.00

### Pennsylvania State University / Bachelor & Master in Architectural Engr.

AUG 2007 - DEC 2012, UNIVERSITY PARK, PA, GPA: 3.84/4.00, HIGH DISTINCTION

## Projects

### The Neverending Party / January 2020

A simulated social network game created during a weekend game jam.

*Tech stack: TypeScript, React, Redux*

### Graham Search Engine / April 2019 - May 2019

A Google-like search engine with over one million indexed pages. The project consists of a distributed web crawler, a distributed indexer, a PageRank algorithm implemented in Apache Spark, and a React frontend deployed on AWS EC2.

*Tech stack: JavaScript, React, Java, Docker, Apache Spark, AWS*

### MyReads / June 2018

A web app that keeps track of books being sorted into three shelves and allows them to be removed and added by search via a backend API.

*Tech stack: JavaScript, React*