

Yuduo 'YD' Zhao

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Skills

JavaScript (ES6+), TypeScript, React, Redux, Node.js, Java, C, SQL, HTML5, CSS3, Bootstrap, jQuery, Git, Linux, Docker, AWS, Jira, Confluence, Jenkins, Scrum, Figma, 3ds Max, Revit, AutoCAD, BlueBeam, Adobe CC

Experience

Oracle / Associate Applications Developer

JULY 2019 - PRESENT, GREATER PHILADELPHIA AREA

- Team: Primavera Cloud, a cloud-native AEC project management app
- Implemented server-side and client-side multi-currency support for the resource management section of the app
- Contributed fixes and new features to the in-house JavaScript UI framework for rendering large amounts of tabular and graphical data
- Implemented an app-wide resource unit formatting system that respects user preferences, locales, and custom units
- Investigated and resolved critical issues in an enterprise-scale Java and JavaScript code base
- Led daily standups as the Scrum Master of a squad of six developers/QA/BA
- Organized bi-weekly virtual team events focused on skill-development and team-building

UPenn CIS Department / Graduate Teaching Assistant

AUG 2018 - May 2019, GREATER PHILADELPHIA AREA

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

Dearest, Inc. / Web Developer Intern

MAY 2018 - AUG 2018, GREATER NEW YORK CITY AREA

- 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)
- Implemented educator progress report review system with Node.js

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