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, 3ds Max, Revit, AutoCAD, BlueBeam

Experience

Oracle / Associate Applications Developer
JULY 2019 - PRESENT, GREATER PHILADELPHIA AREA

- ➔ Led daily standups as Scrum Master in a squad of 6 developers/QA/BA
- ➔ Implemented server-side and client-side multi-currency support in an AEC project management app hosted on Oracle Cloud Infrastructure (OCI)
- ➔ Investigated and resolved critical issues in an enterprise-scale Java and JavaScript code base

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

Enterprise Lighting Sales / Specification Sales Representative
JAN 2015 - APR 2017, GREATER NEW YORK CITY AREA

- ➔ 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