

Keith Tan

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Education

Purdue University

GPA: 3.5/4.0

B.S. in Computer Information Systems, Minors in Computer Science and Communications

Experience

Salesforce

Software Engineering Intern

Boston, Massachusetts

May 2019 - August 2019

- Will be working on the Commerce Cloud team starting Summer 2019

Purdue Envision Center for Computing Research

Software Engineer

West Lafayette, Indiana

October 2018 - Present

- Worked on a geospatial mapping platform in collaboration with the Federal Aviation Administration
- Utilized multiple technologies such as MongoDB, AWS, React, and WebGL for a variety of projects
- Created numerous full stack applications for undergraduate and graduate university class instruction

JP Morgan Chase

Software Engineering Intern

New York Metro

June 2018 - August 2018

- Created multiple microservice APIs to be used by multiple teams across the firm
- Constructed proof of concept of a new feature to be integrated with numerous Financial Data applications
- Utilized Java (Spring Boot), MariaDB, and Angular 5 to construct web applications

Hello World! Hackathon Purdue

Development Team Member/Mentor

West Lafayette, Indiana

April 2018 - September 2018

- Helped coordinate an introductory hackathon that introduces students to the format of a hackathon and the process of building technical projects over a small period of time
- Created hackathon web application and development tools using MongoDB, Express, Angular, and Node

UnitedHealth Group/Optum

Software Engineering Intern

Schaumburg, Illinois

May 2017 - August 2017

- Built a web application to prototype a new feature using React, Node and HTML/CSS for the existing client portal
- Implemented continuous integration and deployment to the IVR system using Jenkins
- Presented project progress as well as proof of concept web applications to numerous employees/executive leaders

Projects

○ Grocery List Mobile App (Swift)

Keeps track of groceries that features an animated start screen and persistent data through the list created

○ Speech Language Audiology Clinic (Web)

Teaches students how to administer hearing tests by simulating the equipment through a front end interface and using preset patient profiles. Will be used in Audiology graduate student classes at Purdue University

○ Dining Court Recommender (C#)

Recommends a dining court to eat at, showing its menu based on certain parameters by utilizing dining court API

○ Pick A Place (iOS/Android)

Mobile application that uses your location, preferences and a simple algorithm to recommend a place to eat

○ Critika (Web - MongoDB, Angular, Express, Node)

Web platform where individuals can get feedback on their content and have equal visibility relative to other users

Skills

- Development:** C/C++ (Intermediate), Python (Proficient), Java (Proficient), HTML/CSS, Javascript (Intermediate), SQL (Intermediate), Jenkins, iOS (Intermediate), Android (Intermediate), React (Basic), Angular (Proficient), Node (Proficient), MongoDB (Proficient)
- Design/Media:** Photoshop, Sketch, Lightroom, Premiere Pro, Final Cut, AdobeXD