

OANH LE

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EDUCATION

University of South Florida

Bachelor of Science in Computer Science

Expected May 2023

- **Overall GPA:** 3.82 / 4.0
- **Relevant Coursework:** Object-Oriented Design, Data Structures, Linear Systems, Computer Architecture, Algorithms, Database Design, Deep Learning, Computer Vision, Automata Theory, Software Engineering, Secure Coding

SKILLS

Languages C, C++, C#, Java, JavaScript, Python, SQL, HTML, CSS/SCSS

Technologies PostgreSQL, .NET, Git, TensorFlow, RESTful API, Jetty, Jackson, Maven, React, NodeJS, Gatsby, Express, Angular, Bootstrap, Ionic, Tailwind

EXPERIENCES

University of South Florida – Undergraduate Teaching Assistant

Jan 2022 – Present

- Hold weekly office hours to mentor over 100 students in IT Programming Fundamentals (Spring 2022) and Advanced Database for IT (Fall 2022)
- Assist the instructor with grading and course communication by monitoring the class email and discussion board

JPMorgan Chase & Co. – Software Engineer Intern | CIB, Wholesale Payments

Jun – Aug 2022

- Utilized Jetty and Jackson library to develop a JSON Integrated Framework that simulates a fake Chase
- Implemented OAuth service that supports authentication and authorization flows to ensure logger security
- Built code assist tool to help merchants develop Java code in IDEs (IntelliJ, Eclipse, etc...) using JSON/YAML swagger

Resilience, Inc. – Mobile Developer Intern

May – Aug 2020

- Developed and deployed the company's cross-platform mobile app using Ionic v4 and Angular framework
- Managed the app store submission and improved UI/UX design of the product by utilizing feedback gathered from the users and developer community
- Collaborated in team to refine debugging methods to ensure the app's workflow and minimize errors by 80%

PROJECTS

VR Driven Surgery Robot | Unity3D, Arduino, C# | Integration Specialist | [🔗](#)

- Integrated virtual reality with robotic arms to simulate a virtual surgery game
- Developed a 3D model design that fits hardware components of the surgical robot arms

State Classification of Cooking Objects Using CNN | TensorFlow, Keras, Python | [🔗](#)

- Built a simple convolutional neural network that classifies an image of a cooking object to one of its states, with corresponding data accuracy and loss analysis. Images sourced from ImageNet dataset

Push-Down Automata Converter | C++ | [🔗](#)

- Designed a converter that produces Push-Down Automata from Context-Free Grammar and Greibach Normal Form

Quotes Generator API | Node, Express, Bootstrap, Heroku | [🔗](#)

- Utilized Node and Express framework to design a RESTful API for quotations database

EXTRACURRICULARS

Association for Computing Machinery | Webmaster & Marketing Chair | 700+ members

Feb 2021 – May 2022

University of South Florida Engineering Expo | Volunteer

Feb 2020

AWARDS

Grace Hopper Celebration Scholarship Recipient 2021

Congressional App Challenge 2018 for Florida District 13 - Winner