

Christopher Lai

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EDUCATION

University Of Houston

Bachelor of Science (B.S.), Computer Science

Graduated May 2019

Houston, TX

- University of Houston Academic Excellence Scholarship, 2013-2017
- 2018 University of Houston Hackathon Winner

SKILLS

- **Languages:** C#, .NET, Python, Go, JavaScript (ReactJS, NodeJS), HTML, Swift, Technical Solution Design
- **Technologies :** DevExpress, Azure Devops, Terraform, SQL, Winforms, Pendo, Sonarqube, Jira, Azure

WORK EXPERIENCE

Heavy Construction Systems Specialists (HCSS)

May 2019 – Present

Software Developer II - Dec 2023 – Present

Sugar Land, TX

- Work on improving or reworking core functionality of the product. Designed and developed data storage api responsible for creating and sending data between our multiple products, including a service to efficiently handle bulk SQL operations. Developed a scheduled backup service that safely and securely and most importantly seamlessly processed data for hundreds of companies, improving loading times by up to 80% for particularly large datasets.
- Improve various software development processes such as implementing terraform for a infrastructure as code approach for the many services and resources necessary for the product, as well as CI/CD pipelines to automate releases and unit testing, enhancing deployment efficiency and reliability.

Software Developer I - Mar 2022 – Dec 2023

- Collaborated in an Agile team to develop and maintain asset management software for the construction industry, enhancing system functionality by implementing features like preventative maintenance alerts and eLogs API for drivers using C#, SQL, and Swift for the mobile application.

Custom Developer - May 2019 – Mar 2022

- Develop custom solutions to integrate our software with various clients' workflow. This ranged from creating tools for exporting data to accounting software to developing reports that gather data based on client's requirements. Primarily worked in C#, SQL, and Dataflex

Geek Squad

Advanced Repair Agent

Feb. 2016 – May 2019

Richmond, TX

- Troubleshoot and fix client's computers, making sure they perform to company standards
- Problem solving and multitasking to meet constant deadlines set by clients and employer

Geek Squad

Consultation Agent

Mar. 2015 – Feb 2016

Richmond, TX

- Talk to and educate clients on any computer issues they may be having
- Sell company service plans and provide accurate and knowledgeable service to clients

Fry's Electronics

Computer Sales Associate

Apr. 2014 – Mar. 2015

Richmond, TX

- Commissioned based sales position. Help clients find computer solutions that fit their needs while hitting sales goals

Projects

Maxlevel.tech

- Developed a full stack website for local IT business using React, NodeJS, and a SQL database for secure message and user email storage.