

Kyle Vondra

Software Engineer

Team-oriented software engineer seeking to use skills as a team member, a leader, and a developer. Participated in fast-paced development environments such as game jams, startups, and personal projects, and work well in any team culture or work setting to create optimized, user-friendly software, video games, multipurpose game engines, and high-fidelity graphical applications.

✉ kylevondra@hotmail.com

📍 San Jose, United States

🌐 linkedin.com/in/kylevondra

🐙 github.com/kylevondra

📞 704 674 0706

🌐 kylevondra.com

🐦 twitter.com/kyle_vondra

🎧 medium.com/@kylevondra

EDUCATION

Bachelor's of Science, Game Design Engineering

University of Silicon Valley

01/2017 - 12/2021

San Jose, CA, USA

WORK EXPERIENCE

NASA Software Engineer Intern

Crown Consulting Inc.

03/2021 - Present

San Jose, CA, USA

Software consulting company working with NASA's SBIR project to develop tools for engineers.

Achievements/Tasks

- Developed interactive web app features with React.js, JavaScript, Python, Pandas, PyMySQL, SQL, MySQL, AWS DynamoDB, MySQL Workbench, Git, and Jira
- Written SQL and Python scripts to migrate, edit, and manage backend data in MySQL tables and AWS DynamoDB databases
- Designed UI and made web apps more user-friendly

Code Coach

theCoderSchool

01/2019 - Present

San Jose, CA, USA

An after school program designed to teach kids to code in a collaborative and immersive way with real-world projects and technology

Achievements/Tasks

- Help junior high and high school students learn programming concepts and fundamentals, good practices, language-specific ideas, computational theory and debugging code
- Teach languages such as Python, Java, C#, C++, HTML/CSS, and Javascript, as well as teach technology such as Unity
- Work with parents and staff to make sure objectives are met

Founder/Software Engineer

Monarch

03/2020 - 07/2020

Worked with a small group of startup founders developing a web platform for Esports athletes.

Achievements/Tasks

- Utilized Python, Django, PostgreSQL, GCP, Git, and others to develop a web platform
- Participated in the development of a business plan
- Help develop timelines, schedules, and presentations of the project

SKILLS

C++

C#

C

Data Structures

Algorithms

Computer Graphics

Unity Engine

Unreal Engine

OpenGL

Git

Jira

Python

SQL

Javascript

React.js

AWS

LANGUAGES

English

Full Professional Proficiency

Spanish

Elementary Proficiency

INTERESTS

Language Learning

Esports

Game Development