VICTOR KING VANG

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EDUCATION

San Diego State University   **Sept 2017 – May 2021**
- **Major:** Computer Science, Bachelor of Science
- **Relevant Coursework:** Data Structures, Operating Systems, Software Engineering, Algorithms, Wireless Networks, Database Theory Implementation

WORK EXPERIENCE

Software Developer Intern - Evolve   **Jan 2022 - Present**
- Collaborating with a team of software developers to build a mobile app that matchmake startups with passionate job seekers
- Refactored entire website codebase to ensure cross-browser compatibility and mobile responsiveness
- Participate in weekly QA sessions to identify bugs found in app

Analyst/Programmer Assistant - SDSU Enrollment Services   **Feb 2019 – Dec 2020**
- Revised 300+ existing SQL reports according to client specification to ensure precision in user data.
- Collaborated with various departments to create over 200 custom application reports that captured specific student data based on criteria that was provided.
- Migrated the entire Oracle APEX database (ver. 4.2) to an updated version (ver. 19.2). Recreated 200+ incompatible reports that were configured to fit with the newest APEX template.

Student Technician - SDSU Library Computing Hub Help Desk   **Aug 2018 – Feb 2019**
- Troubleshot technical problems students had (Blackboard, SDSUID, Wi-Fi, software).
- Maintained a comfortable and safe environment for students by keeping all workstations in pristine condition.
- Managed 300+ windows/mac computers, 40 study rooms, and 10 commercial printers across all 5 floors of the Love Library.

PROJECTS

DevSearch - Django, Python, PostgreSQL
- Social media website where software developers connect with each other from around the world to share personal projects, rate each other's work, search developers/projects, and message each other.
- Notable features include user registration/authentication, search functionality, profile customization, commenting and rating system

Ice Cream Inventory Management System - Python, Django, MySQL, Bootstrap
- Created a website-based inventory management system that supports the following business functional areas: order entry, inventory management, shipment tracking, and issue ticket management.
- Worked in a team of 6 to compose a project deliverable detailing methodology, team schedule, requirements summary, architecture, testing plan, and prototype.

Package Theft Detector - Python, Raspberry Pi 3, Ultrasonic Range Sensor
- Designed a package drop box that detects unwanted theft if a package is taken before setting the system off with a numeric passcode. The owner is alerted through a text message if the passcode entered is wrong.

TECHNICAL SKILLS

- **Programming Languages -** Python, C, Java, HTML, CSS, JavaScript, SQL
- **Libraries & Frameworks -** Django, Django REST Framework, Bootstrap
- **Tools & Platforms -** GitHub, PyCharm, Visual Studio Code