

Kenneth Lee Kang

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MrKangs.com

EDUCATION

Oregon State University

Honors Bachelor of Science in Computer Science & Business Analytics

Corvallis, OR
December 2023

- GPA: 3.98
- E.E. Wilson Scholarship, ELKS Most Valuable Student Scholarship, Garmin Electrical & Computer Science Scholarship, Everson Family Scholarship, Newcomb Family Scholarship, and EOP Scholarship

EXPERIENCES

Co-Founder & Team Lead

Ka-Technology

Portland, OR
May 2024 – Current

- Co-founded and led a team, conducting weekly stand-up meetings to manage projects, track progress, and set tasks, ensuring efficient workflow and collaboration.
- Performed backend development for the company's website, while conducting data analysis, including sentiment analysis and LDA regression analysis, to support client services.
- Acted as the primary client liaison to understand and meet service requirements, coordinating with team members on AI development tools, website development, and data analysis projects.

Marketplace Management (Software Engineer, Data Analyst, & Data Engineer)

Adidas – Digital Partner Commerce Department

Portland, OR
June 2023 – August 2023

- Automated investigation prep with Python, reducing effort from month to seconds and meeting stakeholder needs.
- Initiated Continuous Integration for automation, providing extensive documentation and training for stakeholders.
- Designed several effective reports with Power BI to enable cross-function collaboration for DPC and other teams.

Technology Solution (Software & Data Engineer)

Tektronix - Global Commercial System Team

Beaverton, OR
March 2022 – September 2022

- Implemented a new Point of Sales (POS) and Inventory reporting system to save \$180K expenses.
- Collaborated with global partners and stakeholders on database design, user interface, and automated validation tools.
- Presented to VPs, executives, and senior managers on improving the new POS and inventory reporting system.

Computer Science Project Lead

Oregon State University – Department of Biological and Ecological Engineering

Corvallis, OR
January 2020 – January 2021

- Led six developers to create Arduino based programmability features to interact with environmental sensors.
- Integrated K30 CO₂ Sensor into Loom library with a related HardwareX paper publication.
- Redesigned the fundamental code structure of measuring critical factors of the greenhouse environment with low cost.

SKILLS

- **Languages:** Python, SQL, Rust, JavaScript, HTML, CSS, R, C, C++, C#, Assembly, Java
- **Frameworks:** React, Linux, Node.js, MongoDB
- **Tools:** Git, VS Code, GitHub Actions, Bash, Dynamics 365, Power BI, Power Automate, Rapid Miner, Tableau, GCP, Docker, Visual Studio, MS Office, Jira, Access
- **Libraries:** PyQt, pandas, NumPy, Flask, TensorFlow, OpenCV

PUBLICATION

eGreenhouse: Robotically positioned, low-cost, open-source CO₂ analyzer and sensor device for greenhouse applications

Hardware X

Kenneth Lee Kang, Elad Levintal, Lars Larson, Eli Winkelman, Lloyd Nackley, John S. Selker, Chester J. Udell

PROJECT

Senior Computer Science Capstone: ChatImproVR

- Utilized Rust and agile methods to create an immersive VR engine, prioritizing open-source and user-driven content.
- Developed a plugin-based architecture, encouraging collaborative development and customization by sharing features.
- Demonstrated strong teamwork and time management, vital to the platform's flexibility and overall success.