

**\*\*Kalvin Kao\*\***

**\*\*Contact Information:\*\***

- Email: kalvin.d.kao@gmail.com, captainbozo@mail.com, captainbozo@yahoo.com
- Mobile: +13103831371, +13103946998
- LinkedIn: linkedin.com/in/kalvin-kao

**\*\*Personal Information:\*\***

- First Name: Kalvin
- Middle Initial: D
- Last Name: Kao
- Birth Year: 1986
- Gender: Male

**\*\*Education:\*\***

Data Science Graduate Student

**\*\*Skills:\*\***

- Molecular biology
- DNA sequencing
- Statistics
- Biotechnology
- Biochemistry
- R&D
- Life sciences
- Engineering (instrumentation, algorithms, biomedical)
- Hardware diagnostics
- Signal processing
- PCR
- Bioinformatics
- Commercialization
- Assay development
- Medical devices
- Research and development
- Troubleshooting
- Manufacturing
- Product development
- Genomics
- Sensors
- Technology transfer
- Validation
- FDA
- Python, R, AWS, MATLAB, Linux, SAP, Java, SQL, Tableau
- Cross functional team leadership
- Experimental design
- Sequencing
- Laboratory automation
- HP Application Lifecycle Management
- Electro mechanical troubleshooting
- Computational biology
- Microfluidics
- Vector NTI
- Machine learning
- Hadoop, Tensorflow, Google Cloud Platform, Apache Spark
- KNIME
- Life sciences
- Nanotechnology
- High throughput screening
- GMP

**\*\*Work Experience:\*\***

Senior Data Scientist

ABBOTT, Santa Monica, CA, USA (2019-Present)

- Utilize machine learning algorithms and statistical analysis to improve

medical device performance and accuracy.

- Collaborate with cross-functional teams in engineering, R&D, and manufacturing to develop new products and optimize existing ones.
- Design and execute experiments to validate product designs and identify areas for improvement.
- Implement data analytics solutions using Python, R, AWS, MATLAB, and other tools to streamline processes and improve efficiency.

**\*\*Experience (Prior to Data Science):\*\***

[10 years of systems engineering experience]

**\*\*Education:\*\***

[Bachelor's/Master's degree in relevant field]

**\*\*Certifications:\*\***

[Any relevant certifications]

**\*\*Languages:\*\***

[Any additional languages spoken]

**\*\*References:\*\***

Available upon request.

**\*\*Company Information:\*\***

ABBOTT, Illinois, USA

- Industry: Hospital & Health Care
- Company Size: 10001+
- Website: [abbott.com](http://abbott.com)

**\*\*Location:\*\***

Santa Monica, CA, USA

- Metro: Los Angeles, California
- Region: California

**\*\*GitHub:\*\***

[github.com/kalvinkao](https://github.com/kalvinkao)

- Number of repositories: 9
- Max forks: 1
- Max stars: 4