

CLAIR J. SULLIVAN

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SUMMARY OF QUALIFICATIONS

Data scientist and machine learning engineer with a PhD in engineering and 17 years of experience in statistical analysis, the Internet of Things (IoT), signal processing, and program management

EXPERIENCE

GitHub, Inc. 2017 to Present

Data Scientist - Machine Learning

- Develop machine learning models and pipelines on a variety of company data
- Work with key stakeholders to productionalize multiple machine learning products for both internal and external consumption

La Neige Analytics, LLC

2015 to Present

Founder and Chief Executive Office

- Work with customers to identify data collection and analysis needs
- Develop custom data collection strategies tailored to clients
- Create machine learning models and data pipelines for clients

University of Illinois, College of Engineering

2012 to 2017

Assistant Professor

- Supervised a multidisciplinary team of approximately 30 postdocs, graduate students, and undergraduates
- Awarded more than \$4M in federal research funding in data science, machine learning, cloud computing, signal processing, and Bayesian statistics

Central Intelligence Agency

2009 to 2012

Technical Intelligence Officer

- Led multi-million dollar research projects in data analysis and visualization
- Wrote reports for multiple stakeholders at the highest levels with the US government

Los Alamos National Laboratory

2002 to 2009

Scientist IV and Senior Project Leader

- Conducted and published research in data analysis and signal processing
- Managed research budget of approximately \$3M and a small team of researchers and students

EDUCATION

Ph.D., Nuclear Engineering, University of Michigan, Ann Arbor, MI Dec 2002
M.S., Nuclear Engineering, University of Michigan, Ann Arbor, MI May 1998
B.S., Physics and Astronomy, University of Michigan, Ann Arbor, MI May 1997

ADDITIONAL TRAINING

The Data Incubator, Washington, DC June 2015
Student in 6-week intensive data science course for PhDs in STEM

COMPUTER SKILLS

Python, Neo4j, Scala, Apache Spark, Hadoop, SQL, MATLAB, Machine Learning, Cloud Computing (Amazon AWS, Google Cloud, Digital Ocean), Linux, Mac OS, Windows

ACTIVITIES AND INTERESTS

Ski & Toboggan Instructor and Basic Ski Patroller in National Ski Patrol (R022-220098) from 2004-2010