GARRETT KEGEL

github.com/eigenvalue000

OBJECTIVE

To obtain employment and to gain valuable on the job experience.

SKILLS & ABILITIES

Computer Skills – Python, MATLAB, Advanced Excel, C, HTML, CSS, JavaScript

Machine Learning – Support Vector Machines, Network Flow Theory, Data Mining, Pattern Recognition, Floating Point Operations

Quantitative Analysis – Stocks, Bonds, Portfolio Optimization, Black-Scholes Options Pricing, Active Trading

Problem-Solving – Analysis, Calculus, Optimization

Statistical Analysis – Least Squares and Linear Regression, Singular Value Decomposition, Stochastic Processes

Leadership – Team Management, Public Speaking

Communication – Proficient Writing, Effective Speech

EXPERIENCE

February 2011-May 2012

Remotely Piloted Sensor Operator Apprentice, *United States Air Force*

· Received the National Defense Service Medal, Global War on Terrorism Service Medal, and the AF Training Ribbon. Completed MQ-1B Initial Qualification Course.

EDUCATION

Fall 2009 -Spring 2015

Associate in Science - Mathematics, Sacramento, CA, *American River College*

Associate in Science - Physical Science / Mathematics, Sacramento, CA, *American River College*

Fall 2016 -Spring 2021

Bachelor of Science in Mathematical Analytics and Operations Research with a minor in Economics, Davis, CA, *University of California, Davis*

LEADERSHIP

American River College Club and Events Board Vice President

American River College Student Senate Senator