Kamyar Ghiam

kamyarghiam@gmail.com • (516) 413-4063
www.kamyar.info

Education

Carnegie Mellon University
B.S. Business Administration
GPA: 4.00, class of 2021
Dean's List: 2017-present

Software

Languages/Platforms
C, Python, SML, SQL, MATLAB, LaTeX, Git, Unix, Linux, SPSS, Django

Front-End
HTML5, CSS3, Javascript, Bootstrap, jQuery, Jekyll/Liquid, Squarespace, WordPress

Big Data/Analytics
BigQuery, Google Firebase, Facebook Analytics, Facebook Pixel, Excel

Awards

- Sidney & Silvia Feldman Presidential Scholarship to Carnegie Mellon
- Regeneron International Science Talent Search (STS) Research Report Award

Activities

- Undergraduate Consulting Club, executive board member
- Tepper Blog, writer

Certification

- Society of Actuaries: Exam P (Multivariate Calculus, Probability, and Statistics)

Links

Website: www.kamyar.info
linkedin.com/in/kamyarghiam
GitHub github.com/kamyarghiam
stackoverflow.com/users/9947140/kamyar-ghiam

Experience

Harvard Innovation Labs (2018-present)
Pro Bono Machine Learning Engineer
Developing unsupervised learning model to characterize over 10,000+ project descriptions. Model will be used to efficiently match new projects to the correct experts

Clinova, Ltd. (2018)
Software Engineering Intern
Modeled feedforward neural networks to predict purchase habits, analyzed BigQuery database with 500,000+ user inputs, refactored front-end website code, and visualized application ML decision algorithm with graphs

CryptoNerve, S Corp. (2018)
Co-founder, Former CTO
Managed team responsible for cryptocurrency index development, supervised website and digital transactions, and expanded AI framework for crypto industry reports

Nexino Labs PVT, Ltd. (2017)
Programming Hub Course Editor
Structured courses on ML and C. Program on App Store

Teaching

15-122: Imperative Computation (2018-present)
Computer Science Teaching Assistant
350+ students. Taught about C programming language, data structures, and computer memory

15-112: Fundamentals of CS (2018)
Computer Science Teaching Assistant
400+ students. Taught introductory CS in Python. Helped hold hackathon and many review sessions

Projects

Sleep Neural Network (2018)
Created neural network with backpropagation to predict sleep quality on the basis of day, time, and amount slept

Genetic Algorithm for Room Lighting (2018)
Modeled evolutionary program to find optimal room lighting for the cheapest cost. Genetic fitness algorithm considers the following: brightness, location, light spread, cost, number of lights, and obstacles

More projects and information at www.kamyar.info