

John Kitaoka

jkitaoka@wisc.edu — johnkitaoka.com — in/johnkitaoka

EDUCATION

- **University of Wisconsin-Madison** Madison, Wisconsin
B.S., Computer Science; B.B.A., Finance, Investment, & Banking GPA: 4.0/4.0; 2022
 - **Awards:** Mayo Clinic Scholarship, Dean's List
 - **Extracurriculars:** Men's Club Water Polo; Capital Management Club; MadHacks

EXPERIENCE

- **Amazon.com, Inc.** Chicago, Illinois
Incoming Summer 2020 Engineering Intern (AWS) Jun. 2020 - Aug. 2020
- **University of Wisconsin-Madison** Madison, Wisconsin
Undergraduate Teaching Assistant Sep. 2019 - Present
 - Held office hours, supervised labs and exams for Data Programming I (CS301/CS220)
 - Taught course concepts on Python, SQL, HTML, and data manipulation techniques
- **University of Wisconsin-Madison** Madison, Wisconsin
Data Science Research Assistant Sep. 2019 - Dec. 2019
 - Conducted research for local government of Madison centered on traffic inefficiencies in a proposed transit system using machine learning and simulation analytics
 - Predicted future routing in downtown Madison with scikit-learn learning models and matplotlib visualization with Python/Pandas, case analysis of user density through regression and k-means clustering
- **Geotek, Inc.** Stewartville, Minnesota
Data Analytics Intern May 2019 - Aug. 2019
 - Introduced incentivized production model for employees by developing metrics calculation application for factory efficiency analysis
 - Restructured time clock network to correct labor expenses from an excess of 5.4%
 - Automated reporting of material expenses from MS SQL Server databases with Python and batch scripting
- **Prairie Vista Paints, LLC** Rochester, Minnesota
Business Development Intern Jan. 2018 - Aug. 2018
 - Produced periodic financial summaries, showing trends and current demand to introduce loyalty-based incentives for job bids, implemented through sample testing

PROJECTS

- **Jetpack Joyride Neuroevolution Visualizer** Sep. 2019
Personal Project
 - Generated neural network learning to play Python implementation of popular mobile game via reinforced learning
 - Utilized fitness model to give weighted feedback to apply to genome movements, with highest scoring strategies bred for further generations
- **Golden Cross Algorithmic Trading Bot** Dec. 2019
Personal Project
 - Automatically tracked and traded stocks using Python scripts and Robinhood API with momentum-based trading algorithm

TECHNICAL SKILLS

Languages: Java, SQL, Python, C, C++, Bash, Javascript/HTML/CSS, Visual Basic

Frameworks/Libraries: Pandas, matplotlib, seaborn, descartes, scikit-learn, Numpy

Tools: Jupyter/IPython, MySQL, MS SQL Server, Git, LaTeX