

Keith Wilcox

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EDUCATION

UNIVERSITY OF NEVADA

B.S. STATISTICS

Dec 2022 | Reno, NV

Major GPA: 3.5 / 4.0

LINKS

Github:// [Fishcuit](#)

LinkedIn:// [keith-wilcox12](#)

Website:// [Icebox Picks](#)

COURSEWORK

UNDERGRADUATE

Math Modeling

Statistical Theory

Probability Theory

Differential Equations

Advanced Python

Advanced SQL

Computer Science I & II

Calculus I, II, & III

Real Analysis

Computer Engineering

SKILLS

- Python
- Javascript
- PostgreSQL
- MondoDB
- Django
- Reactjs
- Node
- Power BI
- C#
- C++
- CSS
- \LaTeX
- HTML

EXPERIENCE

KING SIZE GAMES | ASSOCIATE MATHEMATICIAN

February 2022 – Current | Reno, NV

- Decide the type of game play by researching demographics and statistics relating to the game.
- Create game prototypes based on ideas from gaming designers using Python and C#.
- Devised simulators using Python to evaluate game math prior to game production.

CLEAR CAPITAL | DATA ANALYST

August 2022 - October 2022 | Reno, NV

- Developed custom python automation scripts to improve efficiency and eliminate human error from daily, weekly, and monthly reports.
- Performed detailed performance analysis on our independent appraiser panel which led to more efficient turn times and reduction in revisions.

ARROW ELECTRONICS | BUSINESS PLANNING ANALYST

April 2022 - August 2022 | Reno, NV

- Developed custom SQL scripts to improve the database efficiency, reduce data load time and enhance performance.
- Perform detailed analysis of key trends and present findings to senior management.
- Deliver technical expertise in data storage structures and data mining /cleansing.

U.S. NAVY | FLIGHT DATA ANALYST

February 2011 - January 2018 | Key West, FL/Bremerton, WA

- Wrote SQL queries to obtain data pertaining to flight operations.
- Oversaw routine operations, including planning / briefing personnel on missions, documenting / processing classified materials, identifying / reporting data entry errors, processing / distributing flight progress data, and maintaining security and data integrity of databases.
- Delivered proactive support to U.S. Fleet Forces Command units conducting basic and advanced tactical air combat training, special warfare training, and counter-drug operations.
- Acquired five different analytical air traffic control qualifications and trained more than twenty sailors in those disciplines.
- Developed flight plans and reported on airport conditions and turbulence forecasts.

CERTIFICATIONS

2022	Advanced SQL	NCLab
2022	Advanced Python	NCLab
2022	Python for Data Analytics	NCLab