

# Youssef Ben Taleb

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[www.ybentaleb.tk](http://www.ybentaleb.tk) • [www.github.com/Rock2003](https://www.github.com/Rock2003) • [www.kaggle.com/youssefben03](https://www.kaggle.com/youssefben03)

## EDUCATION

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- University of Washington** | Bachelor of Science in Computer Science and Data Science Expected June 2023
- NLP, Machine Learning, and Data Engineering certs -> Kaggle.
  - Data Analysis certification awarded by FCC.
- Bellevue College** | AAS in Mathematics and Computer Science June 2021
- GPA: 4.0, Alpha Epsilon Rho member; High Distinction

## EXPERIENCE

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- Software Engineering Virtual Experience** June 2021 - September 2021  
Electronic Arts | Virtual
- Redeveloped Vax-Man with PyGame, designed and implemented a smooth front end based on OOP. Transitioned its development on C++ to make the game 87% faster and expanded graphics with Unreal Engine.
- Microsoft Learn Student Ambassador** April 2021 - Present  
Microsoft | Virtual
- Lead college events to instruct on Programming, Machine Learning, and Microsoft Azure usage. Achieve the Alpha Milestone with 1 Trophy and 5 Badges.
- Engineering Virtual Experience Program** Apr. 2021 – June 2021  
Microsoft | Virtual
- Learned and utilized Microsoft Ethics for prospective Microsoft Engineers.
- Tech Club President** May 2020 – June 2021  
Bellevue College | Bellevue, WA
- Engineered a 2020 Tax Calculator GUI with swingX and deducted 61% of the process time by implementing waterfall.
  - Oversaw and launched a Tic Tac Toe game with an AI algorithm and exceeded the base AI win rate by 34% by calculating Minimax.
  - Coordinated an HTML Coding Interface game using Ace.js and supervised an assembled compiler.
  - Maximized communication speed to 0 with an Arduino Bot on an I2C display.
- Software Engineering Virtual Experience** June 2020 - April 2021  
JPMorgan Chase & Co. | Virtual
- Worked with equity traders on case-studies to test a new trading strategy tool.
  - Streamlined workflow to allow 100% more stocks to be analyzed simultaneously by programming a real-time data visualization application.
  - Modelled multiple visualization tools for JP Morgan's proprietary software (Perspective) to identify stocks thresholds.
- BC Ambassador** Sep. 2019 – June 2021  
Bellevue College | Bellevue, WA
- Established outstanding communication skills within a team and with customers.

## SKILLS

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Java, JavaScript, Python, HTML, CSS, SQL, Swift, C++, Git, REST APIs, Git, Bootstrap, Node.js, Google Colab, Sci-kit learn, TensorFlow, Pandas, NumPy, Matplotlib, Arduino.