

KEPE BONNER

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EDUCATION

B.S Computer Science | GPA 3.91 | Fall 2019 – Winter 2021 | Oregon State University

B.S Neuroscience | Minor in Classics | Cum Laude | GPA 3.78 | Fall 2016 - August 2019 | University of Washington Seattle

TECHNICAL EXPERIENCE

- **Resilient Algorithmic Trading Strategies:** Full Stack end to end back testing engine for algorithmic trading utilizing the QuantConnect Lean engine with React, Django, Flask, Docker, OAuth.
- **Smallsh:** A Shell program similar to bash and written in C. Supports built in and external commands, io redirect, foreground and background processes, and signal handling.
- **Wasteagram:** Flutter mobile application like Instagram for food waste posts. Supports post creation, device services such as location and camera, and full cloud image and post storage via Firebase.

LANGUAGES, TECHNOLOGIES, METHODOLOGIES, INTERESTS

- Python, JavaScript, Dart, C, HTML, CSS, SQL
- PyCharm, VSCode, Flask, Django, Docker, Firebase, NodeJS, Postgres, QuantConnect Lean, Flutter, Git
- Agile, Scrum, CI, TTD, Testing Paradigms, Parkinson's Law
- Computer Hardware and Architecture (x86, Arm), Tuning and Overclocking, Algorithmic Trading, Android OS, Ecommerce, Online C2C Marketplaces

RELEVANT COURSES

- Algorithms, Data Structures, Operating Systems, Networking, Mobile Application development, Computer Architecture and Assembly Language, Security, Databases, Discrete Mathematics

WORK EXPERIENCE

Central Operations Problem Solver | Amazon | August 2017-May 2018 | Seattle, Washington

- Trained associates in effective dispatching and order management techniques.
- Devised solutions during unexpected problems to increase delivery performance and increase productivity.
- Lead the transition from single site to multiple site stacks for high volume fulfillment centers.