Kenan **Farmer**

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EDUCATION	**Princeton University**	September 2014 – June 2018

Bachelors of Science and Engineering in Computer Science
Certificate in Statistics and Machine Learning
Varsity Track and Field and Cross Country athlete

SKILLS

Languages: Java (advanced), JavaScript (advanced), Python (advanced), SQL (advanced), OCAML (advanced), R (proficient), C (proficient), C# (proficient), Go (proficient), Spark(moderate), x86-64 Assembly (proficient), AWK(basic)

Relevant Coursework: Algorithms and Data Structures, Introduction to Programming Systems, Advanced Programming Techniques, Networks, Linear Algebra, Multi-variable Calculus, Statistics, Reasoning about Computation, Functional Programming, Information Security

EXPERIENCE

eVestment Inc. *Technology Intern*   May 2016 - August 2016

Built 3 pages in Javascrip framework ExtJS, with backend in .NET and database in SQL. Worked on main product solution and pushed projects to production. Also worked on Admin pages for data validation and analysis. In company-wide competition implemented K-Nearest Neighbors to automatically classify products and used optimizing function to quantify similarities between different products. www.evestment.com

Restock Inc. *Volunteer Android Developer*   September 2014 - February 2015

Working with Undergraduate and Graduate Students from Princeton and University of Pennsylvania to improve the pharmaceutical supply chain network for impoverished countries. My personal contribution was to write the android app's UI and automate testing.

Projects

Princeton Laundry Agency *Assistant Director*
Made search engine for customer orders and bags
Wrote an app in React to help workers efficiently check-off bag and for customers to track their bag's progress
Managed 15 workers to pick-up and drop-off ~300 laundry bags twice a week

Network Analysis
Used Apache Spark for data analysis to identify Application traffic over a network
Analyzed BGP routing tables and concluded relationships between Autonomous Systems from a large data set
identified congested links and used Software Defined Networking to propose a max flow algorithm to alleviate stress on Network resources

Awards & Community Involvement

American Mathematics Competition Finalist and qualifier for International Mathematics Exam
Volunteer Track Coach for 4 years totaling over 300 hours of service
Three time Georgia State Champion in 2 mile and mile
Church Leader - organized youth social events and organized volunteer projects like Must Ministries