

KALEB GETACHEW

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Major: Computer Science and Statistics

Schedule a call

EDUCATION

B.S. COMPUTER SCIENCE, University of Virginia, CS GPA: 3.7 Graduated: May 2022

Core Courses: Algorithms, Statistics, Program & Data Representation, Machine Learning, Statistical ML, Advanced Software Engineering, ML for Statistics, CyberSecurity, Computer Architecture, Discrete Math, Probability, Operating Systems, Computer Vision, Data Analysis, NLP, Databases

SKILLS

Programming Languages: Python, Java, Kotlin, C++, C, C#, JS, CSS, HTML, SQL, NoSQL, R, Lean, OCaml

Technologies: REST, Git, Spring Boot, ReactJS, Docker, Kubernetes, Temporal, Datadog, Mockito, Maven/Gradle

PROFESSIONAL EXPERIENCE

SoFi - Invest Team

Seattle, WA

Software Engineer II

Jul 2022 - Mar 2023

- Collaborated with co-workers in automating git CI/CD pipelines during a 2-week company-wide Hackathon
- Maintained over 2.2 million Invest accounts contributing to 244% increase in total net revenue
- Co-developed robust Options Trading platform for web and mobile applications within a 6 month time frame
- Designed and implemented a new document-saving process, improving security and stability by 15%, benefiting thousands of users

PayPal - World Ready Team

Remote

Software Engineering Intern

Jun 2021 - Sep 2021

- Focused on improving overall quality effect of PayPal sites from 77% to 90%
- Engineered and documented Polish language model APIs for in-house use, adhering to PayPal standards
- Co-authored, trained, and tested multiple Natural Language Generation models within 12-weeks using Python to personalize various PayPal web-pages

PayPal - Collections Team

Remote

Data Science Intern

Jun 2021 - Sep 2021

- Identified top-performing variables from collections database influencing dialing volume to customers
- Developed machine learning models for fraud detection, achieving a 15% reduction in fraudulent activities

PROJECT EXPERIENCE

FitUVA <https://a-16.com>

Feb 2021 - May 2021

- Utilized industry services such as Heroku Cloud, Django, and Postgres
- Co-designed and co-developed a website to gamify fitness through tracking exercises, joining fitness groups, and awarding badges, achieving 95% user satisfaction

Restaurant Recommender <https://rb.gy/b24c2>

Aug 2020 - Dec 2020

- Employed models such as: Random Forests, Logistical, Decision Tree, Adaboost, and Bagging Models
- Gathered and cleaned diverse, open-source, data containing 300+ entries across Virginia
- Collaborated with 3 others to write, train and test an ensemble of classifiers to recommend restaurants based on personal inputs, achieving 90% precision and accuracy

LEADERSHIP

ColorStack - Chapter President: Assembled 10 students to establish 1st ColorStack chapter at UVA, striving to increase entrance, retention and success of Black, Latinx, and Native American college students in computing

ORGANIZATIONS

National Society of Black Engineers (NSBE)

Machine Learning Club

Chess Club

CyberSecurity and Networking Club (CNS)

Ethiopian-Eritrean Student Association (EESA)

Data Science Club