

KALEAB BELETE

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Location: Washington D.C. Metropolitan Area (open to relocate)

Objective: My aim is to continue down the path of higher education and research. I'm a self-starter with varying STEM skills, a strong academic history, research experience, and solid interpersonal skills.

EDUCATION

George Mason University
B.S. Computer Science *GPA: 4.0*

Fairfax, VA
Sep 2015 - Dec 2018

Achievements

- Consecutive Merit Awards, Summa Cum Laude, Outstanding Teaching Assistant Award, Outstanding Student Award, Boeing Scholarship, Dean's List Memberships.

WORK EXPERIENCE

Self Employed

Contractor

Feb 2019 | Present

- Helped manage a family member's growing hospitality and tech business in Ethiopia following the passing of the founder.
- Dealt with daily business and technical responsibilities while adapting to falling consumer demand, capital flight, civil unrest, and a growing humanitarian crisis.
- Created and sold tailored software.
- Remained self-motivated and quick thinking in the face of uncertainty.

George Mason University

Research Assistant

Fairfax, VA
Sep 2018 | Dec 2018

- Analyzed research and distilled the important details down to create a manageable pool of organized and relevant information.
- Created and optimized different programs using cutting-edge machine learning and computer vision standards.
- Assisted with the data collection and machine learning process of a larger project.
- Learned at an accelerated pace while managing other responsibilities.

George Mason University

Undergraduate Teaching Assistant

Fairfax, VA
Jan 2018 | Dec 2018

- Made comprehensive and targeted plans to address varying problem areas for different students.
- Reinterpreted and explained a wide range of topics.
- Connected with a large body of students and maintained a respectful working relationship.
- Awarded for my outstanding performance by the department of computer science.

Department of Transportation/ Federal Aviation Administration

Software Engineer

Washington, D.C.
Summer 2018

- Provided technical advice and oversight for software and hardware related problems in the FAA.
- Developed software tools to help FAA staff analyze large data sets.
- Reverse engineered the legacy software system used to generate the Terminal Area Forecast(TAF).
- Rewrote parts of the TAF system to cut maintenance costs and simplify the forecasting process.
- Conducted research to build a system rivaling the TAF forecast accuracy and efficiency.

SKILLS, HOBBIES, ORGANIZATIONS, AND PROJECTS

Programming Languages: C, Haskell, Java, Python, x86 Assembly, MIPS, SQL, JavaScript, Common Lisp, R, Prolog, Dart, Swift, LaTeX.

Other Skills: Artificial Intelligence, Basic Circuit Design, CAD, Robotics, Quantum Computation, Multilingualism, Photo/Video Editing, Project Management, Research, Consulting, and Teaching.

Hobbies: Playing Instruments (Cello, Flute, and Saxophone), Cycling, Tinkering With Electronics, Painting, Astronomy, Mentoring Underprivileged Youth, Hackathons, Learning.

Organizations, Clubs, and Activities: IEEE, Mason Competitive Cyber, Robotics.

Projects: A memory management system, an encrypted chat client, intelligent image recognition and processing tools, an assembly implementation of a CPU, a collection of simple games, and more.