Ferhawn Shaheen

ferhawn.shaheen@gmail.com | Sacramento, CA | [LinkedIn](#)

EDUCATION

University of California, Davis   Davis, CA
B.S. in Computer Science, B.A. in Mathematics | GPA: 3.88   Sep. 2022 - Mar. 2026

San Joaquin Delta College   Stockton, CA
A.S. in Mathematics and Science | GPA: 4.0   Aug. 2018 - May 2022

RELEVANT COURSEWORK: Data Structures, Digital Circuit Design, Programming Languages, Assembly, Algorithm Design and Analysis, Operating Systems, Computer Networks, Real Analysis, Modern Algebra, Number Theory, and Machine Learning

SKILLS

- **Languages:** C#, Python, C/C++, HTML/CSS, Go, PHP, x86 Assembly, LaTeX, Java, JavaScript, TypeScript, SQL (mySQL)
- **Frameworks:** Laravel, Google Cloud APIs, React, Django, Jupyter, Node.js, .NET MVC
- **Developer Tools:** Git, Azure DevOps, Docker, Visual Studio, PyCharm
- **Libraries:** pandas, NumPy, Matplotlib, PyTorch, TensorFlow

WORK EXPERIENCE

Software Engineer, Employment Development Department,
Information Technology Branch   Apr. 2025 - Present
- Design and develop a web app using .NET C#, HTML, CSS, and JavaScript.
- Manage organization-wide databases with SQL.
- Lead and work in an Agile scrum team to implement various features and bug fixes.
- Directly serve around 10,000 employees and customers.

Full-Stack Engineer, Food Not Bombs   Jun. 2024 - Present
- Develop a dynamic website with PHP and Laravel.
- Utilize Google Cloud APIs for geolocation of services.
- Directly serve around 7,000 people in Sacramento County.
- Extensively utilize SQL and Excel to manage supplies, donations, and requests.

PROJECTS

Energy Consumption Predictor, Machine Learning at U.C. Davis   Sep. 2025 - Dec. 2025
- Developed a Recurrent Neural Network using Python, TensorFlow and Jupyter.
- Gathered and pre-processed a large dataset with pandas and Git for the entire team.
- Wrote an academic paper in LaTeX to describe the group's work.
- Presented the project to professionals across U.C. Davis.

SafeDrive AI, HackDavis 2024   Apr. 2024
- Collaborated with a team to develop a driver-safety application.
- Used OpenCV and Python to track user's face and eye movements.
- Relayed alerts to warn user of signs of drowsiness.
- Included pedestrian and lane tracking to further assist the user.