

# David Waite

Software Engineer

## CONTACT INFO

Dallas, Texas | 720.609.5796

linkedin.com/in/dgwscsm | waite.professional@gmail.com



## PROFESSIONAL & EDUCATIONAL EXPERIENCE

### KE Andrews (KEA)

#### ● JUNE 2024 - PRESENT

##### Software Engineer

- Worked full-stack on three major projects for KEA's in-house property tax software, taking lead on one of them. Built these systems from the ground up within the currently existing codebase. Also, worked on enhancements to those systems to support them after release. Gained experience gathering business requirements, demoing to stakeholders, and producing MVPs.
- Worked on general support and bug fixes for the software and gained experience with bug triaging. Performed regular deployments and created documentation relating to deployment, enabling other members of the team to join the deployment rotation seamlessly.
- Developed UI features in React (Typescript) and Ember, and developed backend services in C#. Gained experience using GitHub Copilot and ZenCoder as a partner to help write code more efficiently. Additionally, gained experience in Golang and test-driven development.

### TEACHING ASSISTANT COLORADO SCHOOL OF MINES (CSM)

#### ● FALL 2022

- Provided students with assistance by holding office hours, answering questions, giving feedback, and grading assignments and exams.

### UI/UX DEVELOPER COBALT, INC. (CSM FIELD SESSION)

#### ● SUMMER 2022

- Helped to develop a desktop application to be used in a medical setting as a way to improve patients' mental health. Wrote code to connect application to hardware API. Worked with 4 other software engineers, gaining experience in .NET C# and XAML.

### COLORADO SCHOOL OF MINES (BS COMPUTER SCIENCE - DATA SCIENCE)

#### ● MAJOR PROJECTS

- Created a neural network in Tensorflow for recognizing hand-written digits
- Used Kaggle dataset and classification algorithms to detect risk of heart disease
- Developed CLUE game, complete with Java GUI, learning many software principles and patterns
- Used multithreading and mutexes in C to improve efficiency of searching through an array
- Created interpreter for subset of JavaScript using functional programming in OCaml

## TECHNICAL SKILLS

- Typescript
- React
- Ember
- .NET C#
- GO
- C/C++
- Java
- Python
- Elasticsearch
- Entity Framework
- Postgres
- SQL Server
- Windows
- Linux
- RISC-V
- OCaml
- XAML

## SOFT SKILLS

- Agile & Adaptable
- Problem Solver
- Growth & Ownership Mindset
- Technical Communicator
- Constructive Collaborator
- Systems-Oriented Thinker
- Project Leader

## ACHIEVEMENTS

- Led a major software project
- Successfully developed full-stack projects
- 3.99 GPA at CSM
- Graduated Summa Cum Laude
- Honor Society at Arapahoe Community College