

CHARLES MARION UELTSCHHEY

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QUALIFICATION /OBJECTIVE SUMMARY

I am a driven and passionate junior developer looking for experience and future career opportunities. I am self taught with over 20 completed projects. I am self motivated and committed to becoming an exceptional engineer.

EDUCATION

Mississippi State University, Starkville, MS
Bachelor of Computer Science
Cumulative GPA: 3.65/4.00 GPA, President's List,
Dean's List

May 2026

RELEVANT SKILLS

Programming languages: C++, C#, C, Python, SQLite, Kotlin, Java, x86 Assembly, Javascript, Typescript, Shell Script

Languages: English (native), Russian (fluent), Amharic (Intermediate)

NOTABLE SOFTWARE PROJECTS

Android app for storing and viewing PDF documents [repository](#)

Kotlin, Java, Firebase, XML

- Gave me a good understanding of reading files and building a backend
- Improved my Kotlin development skills

Windows application to automate file search and google [repository](#)

C#, Python, XAML, SQLite

- Required me to learn principles of C# and data binding in XAML.
- Provided a useful tool for automating tedious tasks, like waiting for file explorer to search

Personal website to display software projects [deployment](#)

Typescript, HTML, CSS, React

- Allows for emailing directly from website, as well as a live counter of leetcode problems
- Gave me a great idea of how to make appealing websites with React

WPF autocomplete bar with cyrillic character set [repository](#)

C#, WPF, SQL

- Uses a Trie data structure to search in O(n) time complexity and smaller space complexity
- Code can be used in other projects with any data set (I used a sqlite database of 10,000 russian words)

Chrome extension for looking up words and phrases [deployment](#)

Typescript, HTML, CSS, React

- A chrome extension that automatically searches highlighted text in a dictionary and pulls up results in a pop up
- Returns pronunciation and definitions of any selected word (has really helped me on my literature papers)

WORK EXPERIENCE

Blair Burton Interiors November 2023 - current

Data and Software Manager

- Made software for organizing and exporting thousands of inventory items
- Maintained shopify online store using custom made applications
- Openly collaborated with clients to make maintainable software that adapts to new requirements

Plant and Soil Sciences, Mississippi State University January 2023 - September 2023

Field Assistant

- Processed and kept track of 576 reps of corn over 3 different trials
- Kept record of fertilization, plant health, chlorophyll content, biomass and more
- Accurately managed and recorded large sets of data