Dustin L. Black, II

(267) 291-4322 🌐 dlblack.dev
🏠 Fayetteville, AR, USA ⌂ /VitaminTussle
✉ me@dlblack.dev in /in/dlblack-dev

EDUCATION

Bachelor's of Science in Computer Science (BSCS), University of Arkansas **August 2019 – May 2022**
4.0 GPA

WORK EXPERIENCE

Software Engineer — SupplyPike — Fayetteville, AR **February 2022 – Present**
- Building Walmart On-Time In-Full one-click fine disputing and dispute details functionalities in React
- Writing design documents and RFCs for large features and developing in line with them and coworkers' feedback
- Assembling efficient data structures and speeding up MongoDB aggregations by as much as 95%
- Learning structure and routing of data workers and schedulers through TypeScript and Koa

Software Engineering Intern — Affirma Consulting — Fayetteville, AR **June 2020 – February 2022**
- Implemented new custom monthly notification protocol in ASP.NET C# at Microsoft CSSBI's specific request
- Solved user-submitted bug reports via layered analysis of Microsoft SQL Server database
- Updated actionability processes using image generation libraries to meet new security/compliance standards
- Rebuilt verbatim-scanning R scripts for more intelligent sentiment detection

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PROJECTS

Arkadia Retrocade Official Website **August 2021 - Present**
- Developing visually 90's-esque yet functionally modern official website for a local beloved arcade
- Creating Spring Boot API connected to a PostGreSQL database for keeping an up-to-date list of functioning cabinets
- Building administrative phone-OS-agnostic mobile app for owner to update said list at will

Personal Portfolio Site (dlblack.dev) **January 2021 - Present**
- Structuring the project as a React web app hosted on Netlify with UX and responsive design in mind
- Experimenting and ideating with interesting technologies such as Three.js and machine learning
- Rebuilding a sudoku-esque puzzle game called Nonogram from scratch with heavy componentization

J.B. Hunt 24-Hour Hackathons **October 2019 - April 2022**
- Placed first in Spring 2021 with an Android app that triggered a Nerf blaster on phone alarms via Python web server
- Placed third in Fall 2020 with a grocery-sharing webapp to combat store traffic during COVID pandemic using Vue.js
- Placed second in Spring 2020 with a tournament sorting/seeding algorithm integrated with an app and a website
- Placed fourth in Fall 2019 with an Arduino system that maintained a Spotify playlist across many devices over WiFi

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HONORS AND AWARDS

First-Ranked Senior Scholar **May 2022**
- Recognized with the highest form of undergraduate award for maintaining a 4.0 as an overall GPA across all coursework
- Completed all required coursework for a BSCS at the University of Arkansas

Chancellor's Community Scholarship; Chancellor's and Deans' Lists **August 2019 – May 2022**
- Recognized for demonstrable commitment to community service and consistent academic prowess
- Attended service trip to China to assist teachers at a school for disabled children and clean an orphanage

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PROFICIENCIES

- **Technical**: JavaScript (incl. React, Angular, Vue, Koa, Nest), TypeScript, Node, HTML/CSS, Python, MongoDB, PostGreSQL, Microsoft SQL Server, Oracle SQL, C# and ASP.NET Core, Java (incl. Spring Boot, Android Studio), R
- **Workflow:** Git, Github, Azure DevOps, JIRA, agile methodology, Docker, AWS S3, Figma
- **Linguistic**: Professional English (native), Mandarin Chinese (conversational), German (beginner)