

ALEXANDRA ALLEN

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SUMMARY

Local BAS student with a passion for science, an appreciation for public service, and a desire to make a positive contribution to my community. Looking to build experience and develop my skills in GIS, data science, and web development in pursuit of a career at a governmental or nonprofit entity.

RELEVANT COURSEWORK

Geographic Information Systems: Processed vector and raster data sets, performed spatial analysis, and designed maps using ArcGIS and QGIS.

Web Development: Built web applications using the MERN stack (MongoDB, Express, React, Node.js). Used GraphQL and REST APIs and designed web pages with HTML/CSS/Javascript.

Java programming: In-depth course with a focus on multithreading and concurrency as well as the standard library, data structures, and exception handling.

Relational Database Management: Created, edited, and queried databases using the MySQL and PostgreSQL database management systems.

ADDITIONAL KNOWLEDGE & SKILLS

- **Data science:** Using Python and libraries (Pandas, NumPy, SciPy, Matplotlib) to analyze and visualize data
- **Programming fundamentals:** Data structures, debugging, and testing in C++, Java, and Python
- **IDEs:** Visual Studio Code, Eclipse, and JupyterLab
- **CLI:** bash and PowerShell for OS commands and scripting
- **Version control systems:** Git and GitHub
- **Cybersecurity:** Best practices for information/network/endpoint security
- **Communication:** Experience in customer-facing roles that require excellent verbal/written communication as well as team collaboration

EDUCATION

Austin Community College 2021 - present
Pursuing a Bachelor of Applied Science in Software Development

RECENT WORK EXPERIENCE

Reservationist, Sushi Bar ATX, a fine-dining, Japanese omakase experience June 2024 - present

- Manage reservations and guest preferences across multiple platforms, requiring a high degree of organization and attention to detail.
- Interact with guests using a professional demeanor while displaying grace under pressure.

Barista, Capital City Bakery, a locally-owned vegan bakery May 2022 - May 2024

- Developed time management skills making espresso drinks and serving guests in a busy bakery.
- Assisted my team wherever needed, such as helping in the kitchen, washing dishes, or doing admin work.